



October 9, 2024

Mr. Paul Basile
Brooklyn Industrial Buildings C/O Bricolage Designs
6321 New Utrecht Avenue, 2nd Floor
Brooklyn, New York 11219

RE: Supplemental Sampling Report
500 Third Avenue, Brooklyn, New York 11215
Block 1020, Lots 35 and 36

Dear Mr. Basile:

Athenica Environmental Services, Inc. (Athenica) has prepared this report to summarize the results of the supplemental sampling associated with the E-Designation for potential hazardous materials at 500 Third Avenue, Brooklyn, New York (Site). This supplemental sampling was required by the New York State Department of Environmental Conservation (NYSDEC) to confirm the analytical results of samples collected during the Remedial Investigation conducted by Athenica in June of 2024. In accordance with Athenica's proposal dated August 22, 2024, the scope included soil sampling, groundwater sampling, and soil vapor sampling. All installation and sampling activities were conducted on August 26 and 27, 2024.

BACKGROUND

The Site is located at 500 Third Avenue in Brooklyn (see Figure 1 for Site location), and comprises two tax lots with a total area of 6,400 square feet, with a legal description of Tax Block 1020, Lots 35 (1,600 square feet) and 36 (4,800 square feet). One of the Site properties (Lot 36) was assigned E-Designation E-617 on December 9, 2021 for potential hazardous materials, air quality, and noise. It is our understanding that the current plan for the Site includes combining the two parcels for redevelopment as a single, 6-story mixed-use building. Based on the provided plans, the first floor will be occupied by a lobby, commercial space, residential garage, and a package room. There will be office spaces on the second and third floors, office spaces and studios on the fourth floor, and a single residential unit on both the fifth and sixth floors. Construction will include excavation to 11 feet below ground surface (bgs) for the majority of the building footprint, with excavation to 15 feet bgs for the proposed elevator pit.

The Site is currently enrolled in the New York City Mayor's Office of Environmental Remediation (OER) Voluntary Cleanup Program (VCP). As agreed with OER, the process for remediation of the Site under the New York City VCP will involve the following steps:

- Implementation of a disposal characterization sampling program and coordination with potential disposal facilities to obtain acceptance for the soils to be excavated at the Site. This task will also include sampling to document the quality of soil planned for on-Site reuse.
- Design of an active sub-slab depressurization system (SSDS), including pilot testing, system design, and obtaining applicable permits from the New York City Department of Buildings (DOB).
- Remedial action oversight, including documenting proper transportation and disposal of soil/fill excavated during the remediation program, documenting imported backfill sources and placement locations, collection and laboratory analysis of endpoint soil samples, implementation of a Community Air Monitoring Program (CAMP) during soil disturbance activities, and inspections to document proper installation of engineering controls (composite cover system, vapor barrier system, and active SSDS).
- Preparing a Remedial Action Report (RAR) documenting the successful implementation of the remediation program associated with the E-Designation for potential hazardous materials, for submission to OER for review and approval.
- Upon OER's review and approval of the RAR, issuance by OER of a notice documenting that the requirements of the E-Designation for potential hazardous materials have been satisfied.
- Providing assistance to the project architect in preparing the Air/Noise Installation Report documenting proper implementation of all requirements of the Air/Noise Remedial Action Plan.
- Completion of a Brownfield Incentive Grant (BIG) application, for partial reimbursement of remediation costs (minimum grant of \$25,000).

The findings of the recent June 2024 Remedial Investigation (RI) showed a geophysical anomaly (determined to be drainage piping from the building that previously existed at the Site); several semi-volatile organic compounds (SVOCs), lead, and mercury in soil at concentrations above Restricted Residential Soil Cleanup Objectives; several volatile organic compounds (VOCs), the SVOC naphthalene, the pesticide dieldrin, and several dissolved metals in groundwater at concentrations above New York State Class GA groundwater standards and guidance values; and several chlorinated and petroleum-related VOCs in soil vapor.

OBJECTIVE/SCOPE OF THE SUPPLEMENTAL SAMPLING

As discussed with OER on August 19, 2024, the NYSDEC required additional sampling at the Site to confirm the findings of the RI; these activities included advancing one additional soil boring at the location of the geophysical anomaly, collection of two soil samples for laboratory analysis, installing and sampling three temporary monitoring wells at the locations where wells were placed during the RI, installing and sampling one additional temporary monitoring well at the geophysical anomaly, confirming the Site-specific groundwater flow direction, and collecting one additional soil vapor sample at RI location SV-2. The locations of the soil, groundwater, and soil vapor

samples from both the RI and the supplemental sampling event are shown in Figure 2. Photographs taken during the field investigations are included in Appendix A.

FIELD METHODOLOGY

Athenica implemented the Supplemental Investigation scope of work on August 26 and 27, 2024. A subsurface utility mark-out was requested through the One Call Center, as required by law, prior to advancing any soil borings. The soil vapor sampling was conducted in accordance with the New York State Department of Health (NYSDOH) *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006, as amended (NYSDOH Guidance Document).

Soil Sampling

The soil boring (designated SB-6) was advanced using a track-mounted Geoprobe® 7822DT direct push rig to a depth of 15 feet bgs and was continuously sampled using steel macro-core samplers fitted with new, dedicated acetate liners; the soil boring terminated at groundwater. Soil samples were screened for VOCs utilizing a photoionization detector (PID) and examined using visual and olfactory methods for indications of contamination (staining, odors, etc.). Two samples were collected from soil boring SB-6 at depth intervals of 0 to 2 feet bgs and 11 to 13 feet bgs. Soil boring logs characterizing the subsurface soils are included in Appendix B.

Both soil samples collected for laboratory analysis were placed into pre-cleaned, laboratory supplied glassware, which were labeled and placed into an iced cooler for transport via laboratory courier to York Analytical Laboratories, Inc. (York) under chain-of-custody protocols, for analysis of Target Compound List (TCL) VOCs, TCL SVOCs, TCL pesticides, PCBs, and Target Analyte List (TAL) metals. York is approved for these analyses under the NYSDOH Environmental Laboratory Approval Program (ELAP).

Groundwater Sampling

Four temporary groundwater monitoring wells (designated TW-1, TW-2, TW-3, and TW-4) were installed using a track-mounted Geoprobe® 7822DT direct push rig, and were constructed using 1-inch diameter, schedule 40 polyvinyl chloride (PVC) screen and casing. Temporary well TW-1 was screened from approximately 14.45 to 24.45 feet bgs, temporary well TW-2 was screened from 16.01 to 26.01 feet bgs, temporary well TW-3 was screened from 14.99 to 24.99 feet bgs, temporary well TW-4 was screened from 13.05 to 28.05 feet bgs. Well construction diagrams are included in Appendix B.

Depth to water measurements were collected using an oil/water interface probe. The interface probe can measure depth to the 0.01 foot. The depth to water measured in the temporary wells from the top of casing ranged from approximately 16.57 to 18.40 feet. Additionally, the temporary wells were surveyed from the top of casing with the elevation readings measured to a

common random datum. The horizontal line-of-sight for the survey transit was set as 100 feet, and the stadia rod reading was subtracted from 100 to establish the relative elevation at the marked point at the top of the well casing used for measuring the depth to water. Water level measurements, survey data, and groundwater elevations are summarized in Table 1. A map depicting the groundwater flow direction is shown on Figure 3.

Prior to sample collection, each well was purged of a minimum three casing volumes using a new, dedicated, disposable, high-density polyethylene bailer. Groundwater samples were collected using the same bailers utilized for purging, into pre-cleaned, laboratory-supplied glassware. Filled sample containers were labeled and placed into an iced cooler for transport to York under chain-of-custody protocols, for analysis of TCL VOCs for groundwater samples TW-1 TW-2, TW-3, and TW-4. Additional analysis of TCL SVOCs, TCL pesticides, PCBs, total TAL metals, and dissolved TAL metals was conducted for groundwater sample TW-4 only. York is approved for these analyses under the NYSDOH ELAP.

After completion of groundwater sampling, each temporary groundwater monitoring well was removed and the well borings were abandoned in accordance with NYSDEC requirements.

Soil Vapor Sampling

One soil vapor sample (designated SV-2) was collected for laboratory analysis. The soil vapor implant was installed using a track-mounted Geoprobe® 7822DT direct push rig and was constructed with a 1-inch screen set at a depth of approximately 12 feet bgs. The screen was surrounded by glass beads and was connected to ground surface with Teflon-lined tubing. Sand was installed above the glass beads to a depth of approximately six inches bgs; the tubing was sealed from six-inches bgs to ground surface using hydrated bentonite chips.

At least three tubing volumes were purged from the vapor probe using a PID, and a representative vapor sample was collected. Flow rate for both purging and sampling did not exceed 0.2 liter per minute, in accordance with NYSDOH protocols. The sample was collected over an approximately two-hour period into a laboratory-supplied 6-liter Summa canister. The subsequent Summa canister was transported to York under chain-of-custody protocols, for analysis of VOCs using Method TO-15 (York is approved for this analysis under the NYSDOH ELAP). The soil vapor sampling log is included in Appendix C.

FINDINGS/ANALYTICAL RESULTS

Soil

Analytes detected in both soil samples collected during this investigation are summarized in Table 2, and the laboratory report is provided as Appendix D.

The PID screening showed VOC levels at 0.0 parts per million (ppm) in soil from soil boring SB-6, and there was no visible or olfactory evidence of petroleum in the soil from this location.

Soil sample results were compared to Unrestricted Use Soil Clean-up Objectives (SCOs) and Restricted Residential Use SCOs, as listed in 6NYCRR Part 375.

As shown in Table 2, the VOCs acetone and trichloroethene were detected in both soil samples, but all concentrations were below Unrestricted Use SCOs.

Twenty-one individual SVOCs were detected in one or both of the soil samples. Soil sample SB-6 (0'-2') contained seven SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) at concentrations exceeding Unrestricted Use SCOs and Restricted Residential Use SCOs. Concentrations of SVOCs in soil sample SB-6 (11'-13') did not exceed Unrestricted Use SCOs.

A total of 19 metals were detected in one or both of the soil samples. Soil sample SB-6 (0'-2') contained two metals (copper and zinc) at concentrations exceeding Unrestricted Use SCOs and two metals (lead and mercury) at concentrations exceeding both Unrestricted Use SCOs and Restricted Residential Use SCOs. Concentrations of metals in soil sample SB-6 (11'-13') did not exceed SCOs.

Pesticides and PCBs were not detected in either of the soil samples.

Exceedances of Unrestricted Use and Restricted Residential Use SCOs in soil samples from the RI and the supplemental sampling event are depicted in Figure 4.

Groundwater

Analytes detected in the groundwater samples collected during this investigation are summarized in Table 3, and the laboratory report is provided as Appendix D.

The PID screening of the headspace inside the temporary groundwater monitoring wells showed VOC levels ranging from 4.2 ppm to 237.2 ppm (at TW-1); and there was olfactory evidence of petroleum in the groundwater from temporary wells TW-1 and TW-4.

Groundwater sample results were compared to New York State Class GA groundwater standards and guidance values.

As shown on Table 3, twenty-two VOCs were detected in one or more of the groundwater samples. Nine of the VOCs in groundwater sample TW-1 (1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethyl benzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, and total xylenes) were detected at concentrations exceeding Class GA standards or guidance values. These nine VOCs along with an additional five VOCs (benzene, o-xylene, styrene, toluene, and trichloroethene) were detected in groundwater sample TW-4 at concentrations exceeding Class GA standards.

Three SVOCs (2-methylnaphthalene, carbazole, naphthalene) were detected in groundwater sample TW-4. Naphthalene was detected in groundwater sample TW-4 at a concentration exceeding its Class GA guidance value.

Seventeen metals were detected in groundwater sample TW-4. Ten of the detected compounds including total barium, beryllium, chromium, copper, lead, magnesium, manganese, nickel, sodium, and mercury were detected at concentrations exceeding Class GA standards or guidance values.

Ten dissolved metals were detected in groundwater sample TW-4. Three of the detected dissolved metals (magnesium, manganese, and sodium), were at concentrations exceeding Class GA standards or guidance values.

No pesticides or PCBs were detected in groundwater sample TW-4.

Exceedances of Class GA standards or guidance values in groundwater samples from both the RI and supplemental sampling event are depicted in Figure 5.

Soil Vapor

Analytes detected in the soil vapor sample collected during this investigation are summarized in Table 4, and the laboratory report is provided as Appendix D.

The PID reading recorded from soil vapor point SV-2 while purging the tubing connected to the soil vapor probe was 3.6 ppm.

As shown in Table 4, ten petroleum-related VOCs were detected in soil vapor sample SV-2, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, benzene, ethyl benzene, n-heptane, n-hexane, o-xylene, p- and m-xylenes, and toluene. Chlorinated VOCs tetrachloroethene (PCE) and trichloroethene (TCE) were also detected in soil vapor sample SV-2, at concentrations of 94 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and 4,900 $\mu\text{g}/\text{m}^3$, respectively. The detection of TCE, when compared to the sub-slab vapor concentration criteria of the NYSDOH Guidance Document Decision Matrix A, results in a recommendation of mitigation regardless of the potential indoor air concentration of TCE (which were not collected as the Site is currently a vacant lot). In accordance with the NYSDOH Guidance Document, a decision of mitigate is recommended

to minimize current or potential exposures associated with soil vapor intrusion, and will be addressed by the required vapor barrier system and SSDS. Please note that the May 2024 Phase I Environmental Site Assessment (ESA) prepared for the Site did not identify any historic occupants that would be expected to utilize chlorinated VOCs, so the detected TCE concentration appears to be from an off-Site source or sources.

Eleven other VOCs were detected in soil vapor sample SV-2, including 1,3-butadiene, 2-butanone, 4-methyl-2-pentanone, acetone, acrylonitrile, carbon disulfide, chloroform, isopropanol, p-ethyltoluene, propylene, and tetrahydrofuran.

Detected compounds in the soil vapor samples from the RI and in the soil vapor sample from the supplemental sampling event are depicted in Figure 6.

CONCLUSIONS

The findings of the supplemental sampling showed seven SVOCs and two metals at concentrations exceeding Unrestricted Use SCOs and Restricted Residential Use SCOs in soil sample SB-6 (0'-2'). No exceedances of SCOs were identified in the deeper soil sample at this location.

Nine VOCs were detected in groundwater sample TW-1 and 14 VOCs were detected in groundwater sample TW-4 at concentrations exceeding Class GA groundwater standards. One SVOC, ten total metals, and three dissolved metals were detected in groundwater sample TW-4 at concentrations exceeding Class GA groundwater standards or guidance values.

Ten petroleum-related VOCs and two chlorinated VOCs were detected in soil vapor sample SV-2. The detected concentration of TCE, when compared to the comparison criteria of the NYSDOH Guidance Document Decision Matrix A, results in a recommendation of mitigation regardless of the potential indoor air concentration of TCE (which were not collected as the Site is currently a vacant lot). As noted above, no historic Site occupants that would be expected to use chlorinated VOCs were identified.

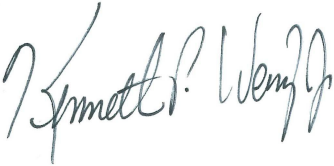
Off-Site Source Evaluation

According to the survey data collected during the supplemental sampling, the groundwater flow direction appears to be from the northwest to southeast, which is opposite to the regional groundwater flow direction reported by the U.S. Geological Survey. Based on the EDR Database Report and Sanborn Fire Insurance maps from the May 1, 2024 Phase I ESA for the Site, there are several properties located northwest of the Site (i.e., upgradient) with current or historic occupants that used petroleum products or chlorinated VOCs. These uses include historic manufactured gas plants, a historic steamed laundry facility, a historic welding facility, a historic laquear facility, a historic oil burner manufacturer, and a current metal manufacturer with documented historic non-

compliant use of spent halogenated solvents; several of these facilities have documented soil and/or groundwater contamination by VOCs.

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

Sincerely,
ATHENICA ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read "Kenneth P. Wenz Jr.", written in a cursive style.

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

Enclosures

FIGURES



**ATHENICA ENVIRONMENTAL
SERVICES, INC.**

Environmental Engineering Consultants

SITE LOCATION MAP

**500 Third Avenue
Brooklyn, New York 11215**

Figure 1

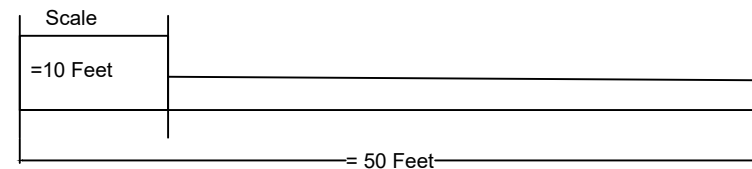
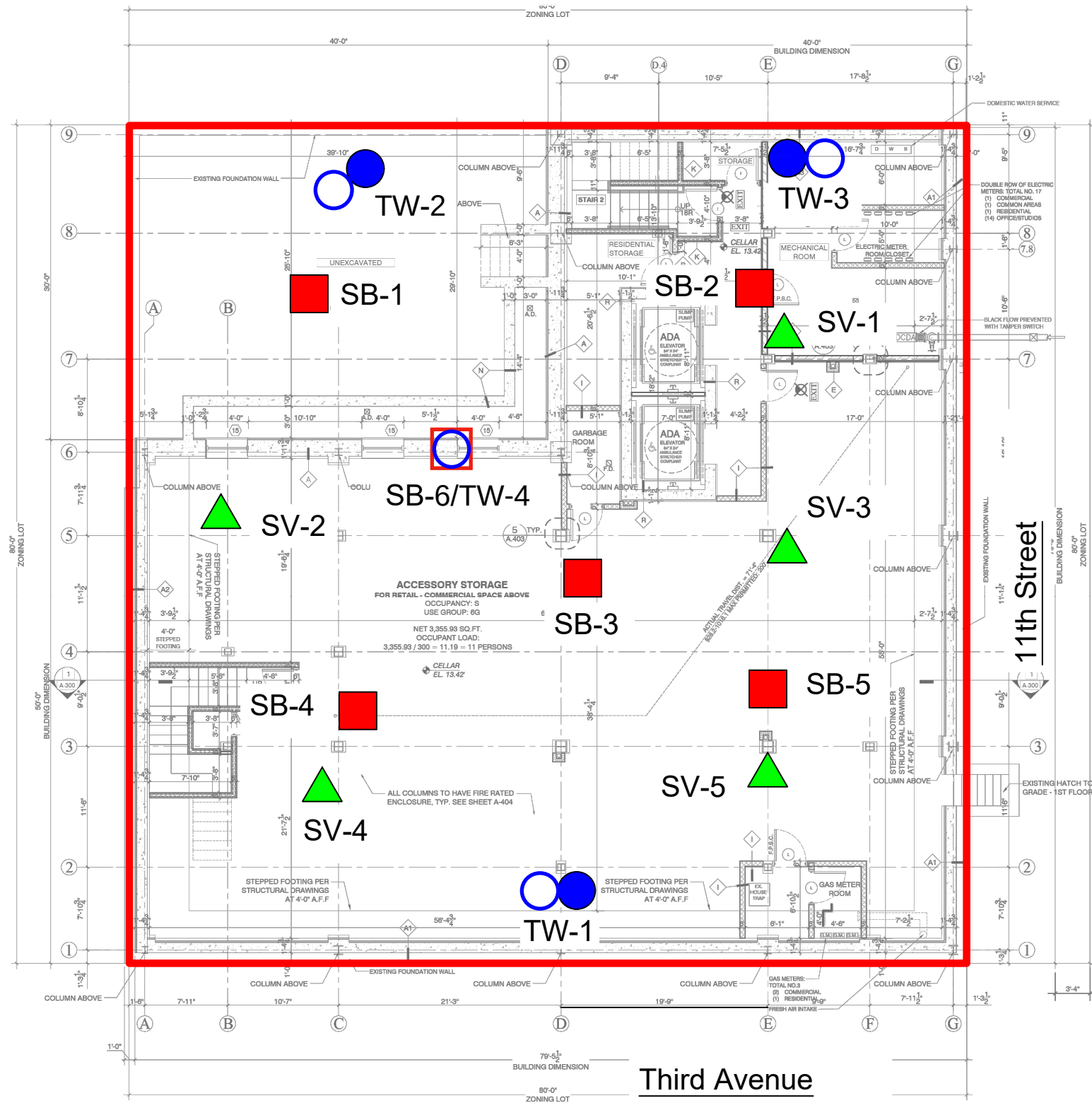
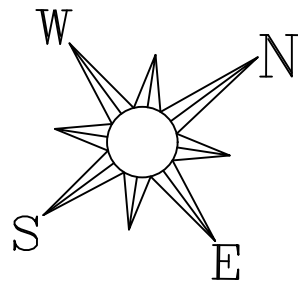
PREPARED FOR: Brooklyn Industrial Buildings

PROJ. MGR: Ken Wenz

DRAWN BY: Michael Oliver

DATE: 6/14/2024

PROJ. #: 24-133-0666



LEGEND:			
	Site Boundary		Soil Boring - June 2024 RI
	Temporary Groundwater Monitoring Wells - June 2024 RI		Soil Boring - August 2024 Supplemental Sampling
	Soil Vapor Probe - June 2024 RI		Temporary Groundwater Monitoring Wells - August 2024 Supplemental Sampling
	Soil Boring - June 2024 RI		Soil Vapor Probe - August 2024 Supplemental Sampling

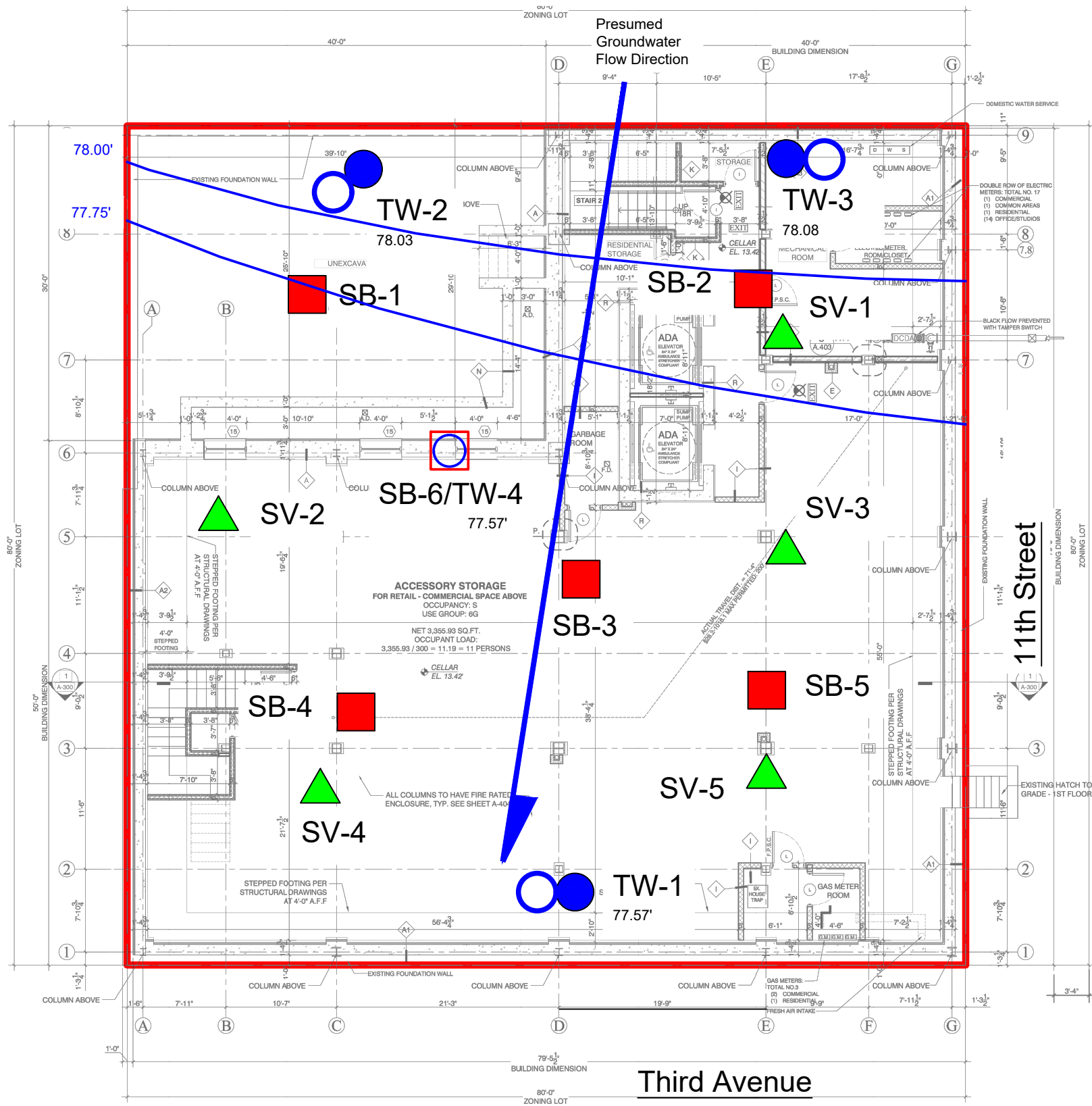
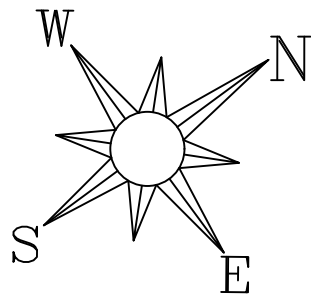


ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants
A NYS and NYC WBE Company
31-33 31st Street, 2nd Floor
Astoria, New York 11106
TEL: (718) 784 - 7490
FAX: (718) 784 - 4085

NOTES:

- Adapted from "Cellar Floor Plan", A-100.00, drawn by Henry Radusky, Bricolage Architecture and Design, PLLC, July 20, 2022.

Date:	09/11/2024	Site: 500 Third Avenue, Brooklyn, New York 11215 Supplemental Sampling Report
Drawn by:	Michael Oliver	
Checked by:	Kenneth P. Wenz Jr., PG, LEP	
Drawing Scale:	As Drawn	
Project No.:	24-133-0666	Figure: 2
		Title: Sample Location Map



LEGEND:	
	Soil Boring - June 2024 RI
	Temporary Groundwater Monitoring Wells - June 2024 RI
	Soil Vapor Probe - June 2024 RI
	Soil Boring - August 2024 Supplemental Sampling
	Temporary Groundwater Monitoring Wells - August 2024 Supplemental Sampling
	Soil Vapor Probe - August 2024 Supplemental Sampling



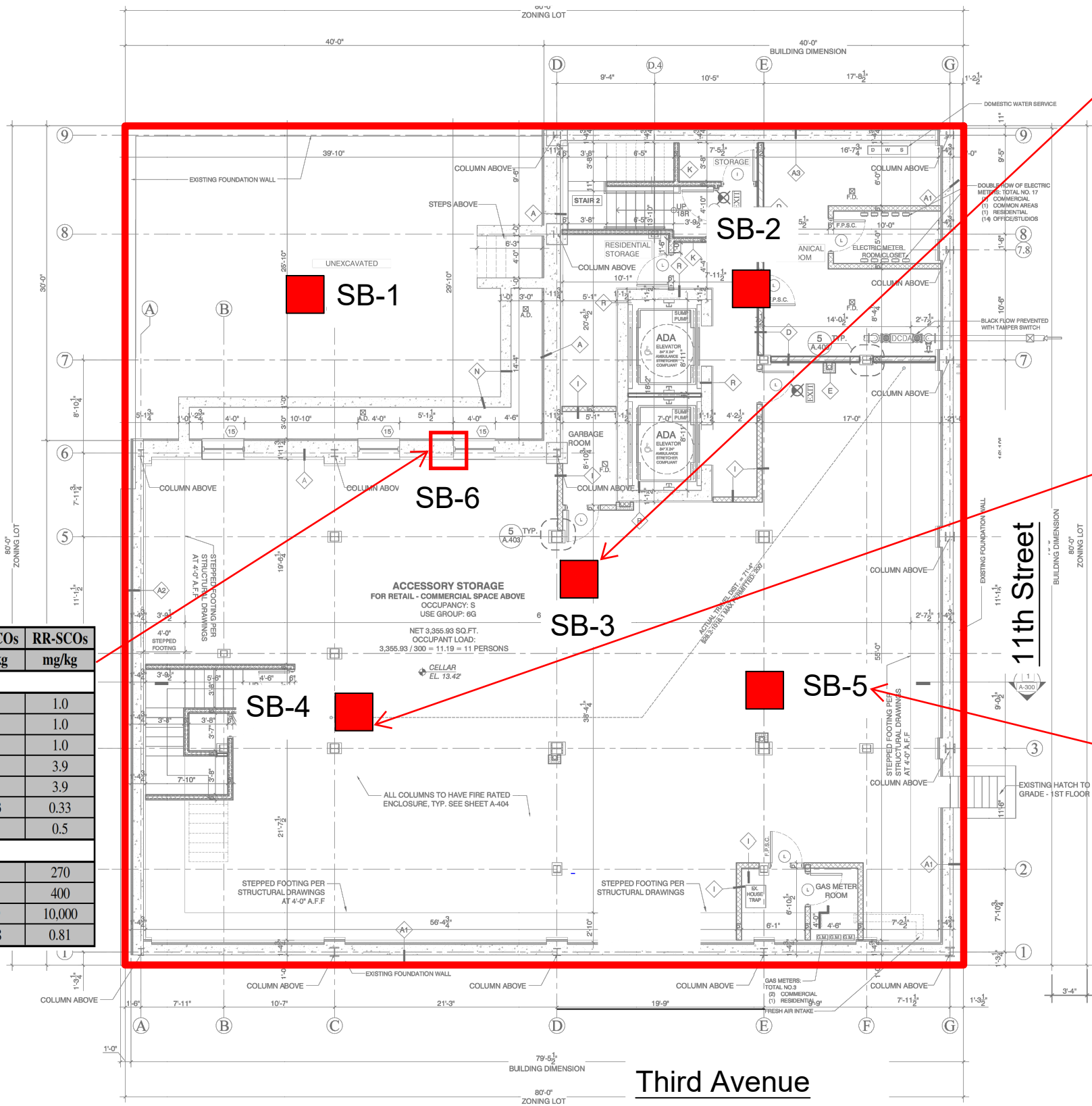
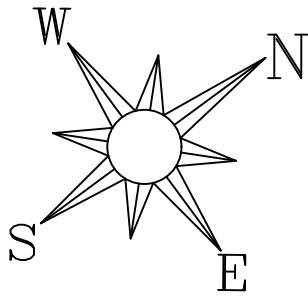
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Date:	10/9/2024	Site: 500 Third Avenue, Brooklyn, New York 11215 Supplemental Sampling Report
Drawn by:	Michael Oliver	
Checked by:	Kenneth P. Wenz Jr., PG, LEPC	
Drawing Scale:	As Drawn	
Project No.:	24-133-0666	Figure: 3
		Title: Groundwater Flow Map

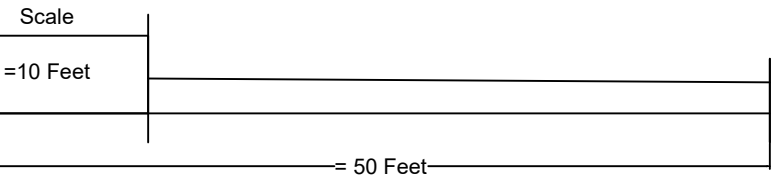


Sample Name	SB-6 (0'-2')	UU-SCOs	RR-SCOs
	mg/kg	mg/kg	mg/kg
SVOCs			
Benzo(a)anthracene	20.3	1.0	1.0
Benzo(a)pyrene	19.9	1.0	1.0
Benzo(b)fluoranthene	24.7	1.0	1.0
Benzo(k)fluoranthene	8.06	0.8	3.9
Chrysene	20.9	1.0	3.9
Dibenzo(a,h)anthracene	2.60	0.33	0.33
Indeno(1,2,3-cd)pyrene	15.1	0.5	0.5
TAL Metals			
Copper	60.1	50	270
Lead	1,960	63	400
Zinc	274	109	10,000
Mercury	3.09	0.18	0.81

Sample Name	SB-3 (0'-2')	UU-SCOs	RR-SCOs
	mg/kg	mg/kg	mg/kg
SVOCs			
Benzo(a)anthracene	5.44	1.0	1.0
Benzo(a)pyrene	5.18	1.0	1.0
Benzo(b)fluoranthene	6.38	1.0	1.0
Benzo(k)fluoranthene	1.98	0.8	3.9
Chrysene	5.65	1.0	3.9
Dibenzo(a,h)anthracene	0.90	0.33	0.33
Indeno(1,2,3-cd)pyrene	3.78	0.5	0.5
TAL Metals			
Barium	370	350	400
Copper	72.6	50	270
Lead	1,690	63	400
Zinc	302	109	10,000
Mercury	1.25	0.18	0.81
Pesticides			
4,4'-DDD	0.00446	0.0033	13
4,4'-DDT	0.0179	0.0033	7.9
Dieldrin	0.00587	0.005	0.2

Sample Name	SB-4 (0'-2')	UU-SCOs	RR-SCOs
	mg/kg	mg/kg	mg/kg
SVOCs			
Benzo(a)anthracene	3.18	1.0	1.0
Benzo(a)pyrene	3.05	1.0	1.0
Benzo(b)fluoranthene	2.81	1.0	1.0
Benzo(k)fluoranthene	2.88	0.8	3.9
Chrysene	3.43	1.0	3.9
Dibenzo(a,h)anthracene	0.701	0.33	0.33
Indeno(1,2,3-cd)pyrene	2.45	0.5	0.5
TAL Metals			
Lead	235	63	400
Zinc	181	109	10,000
Mercury	0.427	0.18	0.81
Pesticides			
4,4'-DDT	0.00560	0.0033	7.9

Sample Name	SB-5 (0'-2')	UU-SCOs
	mg/kg	mg/kg
Pesticides		
4,4'-DDD	0.00342	0.0033
4,4'-DDT	0.0725	0.0033
TAL Metals		
Lead	119	63
Mercury	0.266	0.18



LEGEND:

Soil Boring - June 2024 RI

Site Boundary

Soil Boring - August 2024 Supplemental Sampling

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NOTES:

- Adapted from "Cellar Floor Plan", A-100.00, drawn by Henry Radusky, Bricolage Architecture and Design, PLLC, July 20, 2022.
- UU-SCOs = Unrestricted Use Soil Cleanup Objectives
- RR-SCOs = Restricted Residential Use Soil Cleanup Objectives

Exceeds UU-SCOs

Exceeds RR-SCOs

Date: 9/11/2024

Drawn by: Michael Oliver

Checked by: Kenneth P. Wenz Jr., PG, LEAP

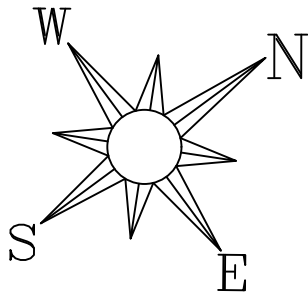
Drawing Scale: As Drawn

Project No.: 24-133-0666

Site: 500 Third Avenue, Brooklyn, New York 11215
Supplemental Sampling Report

Figure: 4

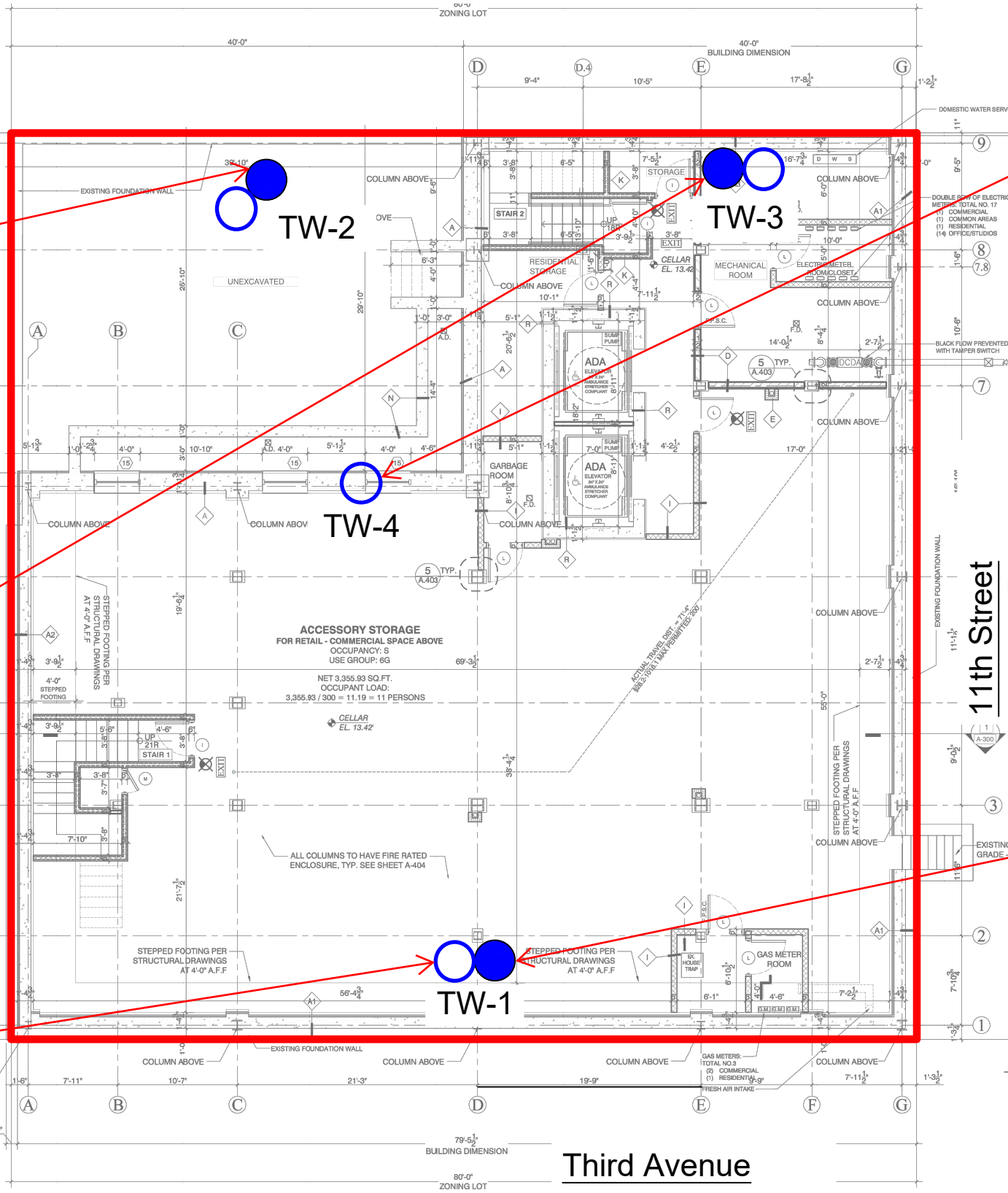
Title: Exceedances in Soil Samples



Sample Name	TW-2	NYS Class GA Groundwater Standards or Guidance Values
	µg/L	µg/L
VOCs		
1,2,4-Trimethylbenzene	8.5	5
TAL Metals (Total)		
Lead	42.6	25
Magnesium	80,300	35000
Manganese	1,980	300
Sodium	154,000	20000
Selenium	16.8	10
TAL Metals (Dissolved)		
Magnesium	78,300	35000
Manganese	1,440	300
Sodium	143,000	20000
Selenium	16.2	10
Pesticides		
Dieldrin	0.0508	0.004
NYSDEC PFAS Standards		
	µg/L	µg/L
PFOA/PFAS		
PFOA	0.0687	0.01

Sample Name	TW-3	NYS Class GA Groundwater Standards or Guidance Values
	µg/L	µg/L
VOCs		
1,2,4-Trimethylbenzene	98	5
1,3,5-Trimethylbenzene	30	5
Benzene	88	1
Ethyl Benzene	81	5
n-Propylbenzene	33	5
o-Xylene	65	5
Toluene	15	5
Xylenes, Total	350	5
TAL Metals (Total)		
Chromium	135	50
Lead	149	25
Manganese	2,140	300
Sodium	118,000	20000
TAL Metals (Dissolved)		
Manganese	3,140	300
Sodium	138,000	20000
NYSDEC PFAS Standards		
	µg/L	µg/L
PFOA/PFAS		
PFOA	0.0959	0.01
PFPeA	0.103	0.1

Sample Name	TW-1	NYS Class GA Groundwater Standards
	µg/L	µg/L
VOCs		
1,2,4-Trimethylbenzene	3,600	5
1,3,5-Trimethylbenzene	730	5
Ethyl Benzene	72	5
Isopropylbenzene	230	5
n-Butylbenzene	180	5
n-Propylbenzene	750	5
p-Isopropyltoluene	20	5
sec-Butylbenzene	71	5
Xylenes, Total	100	5



Sample Name	TW-1	NYS Class GA Groundwater Standards or Guidance Values
	µg/L	µg/L
VOCs		
1,2,4-Trimethylbenzene	1,900	5
1,3,5-Trimethylbenzene	550	5
Ethyl Benzene	1,100	5
Isopropylbenzene	200	5
n-Butylbenzene	57	5
n-Propylbenzene	630	5
o-Xylene	600	5
p-Isopropyltoluene	13	5
sec-Butylbenzene	49	5
Styrene	17	5
Toluene	10	5
Xylenes, Total	3,400	5
SVOCs		
Naphthalene	132	10
TAL Metals (Total)		
Barium	1,160	1000
Chromium	112	50
Lead	199	25
Magnesium	57,800	35000
Manganese	9,370	300
Nickel	105	100
Sodium	446,000	20000
TAL Metals (Dissolved)		
Magnesium	44,100	35000
Manganese	5,290	300
Sodium	482,000	20000
NYSDEC PFAS Standards		
	µg/L	µg/L
PFOA/PFAS		
Gen-X	0.104	0.1
PFHpA	0.110	0.1
PFHxA	0.106	0.1
PFBA	0.707	0.1
PFOA	0.0526	0.01
PFPeA	0.144	0.1
NYSDEC PFAS Standards		
	µg/L	µg/L
PFOA/PFAS		
PFHxA	0.113	0.1
PFOA	0.0468	0.01
PFPeA	0.174	0.1

Sample Name	TW-4	NYS Class GA Groundwater Standards or Guidance Values
	µg/L	µg/L
VOCs		
1,2,4-Trimethylbenzene	1,100	5
1,3,5-Trimethylbenzene	300	5
Benzene	60	1
Ethyl Benzene	670	5
Isopropylbenzene	110	5
n-Butylbenzene	31	5
n-Propylbenzene	180	5
o-Xylene	1,100	5
p-Isopropyltoluene	5.7	5
sec-Butylbenzene	20	5
Styrene	40	5
Toluene	470	5
Trichloroethene	6.8	5
Xylenes, Total	3,400	5
SVOCs		
Naphthalene	67	10
TAL Metals (Total)		
Barium	1,040	1000
Beryllium	8.0	3
Chromium	76	50
Copper	415	200
Lead	1,950	25
Magnesium	71,900	35000
Manganese	21,100	300
Mercury	6.5	0.7
Nickel	245	100
Sodium	85,800	20000
TAL Metals (Dissolved)		
Magnesium	41,100	35000
Manganese	3,290	300
Sodium	70,000	20000

LEGEND:

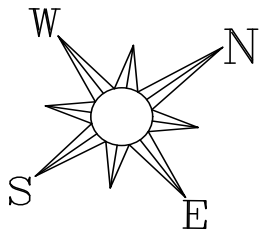
- Site Boundary
- Temporary Groundwater Monitoring Wells - June 2024 RI
- Temporary Groundwater Monitoring Wells - August 2024 Supplemental Sampling

ATHENICA ENVIRONMENTAL SERVICES, INC.
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A NYS and NYC WBE Company
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NOTES:

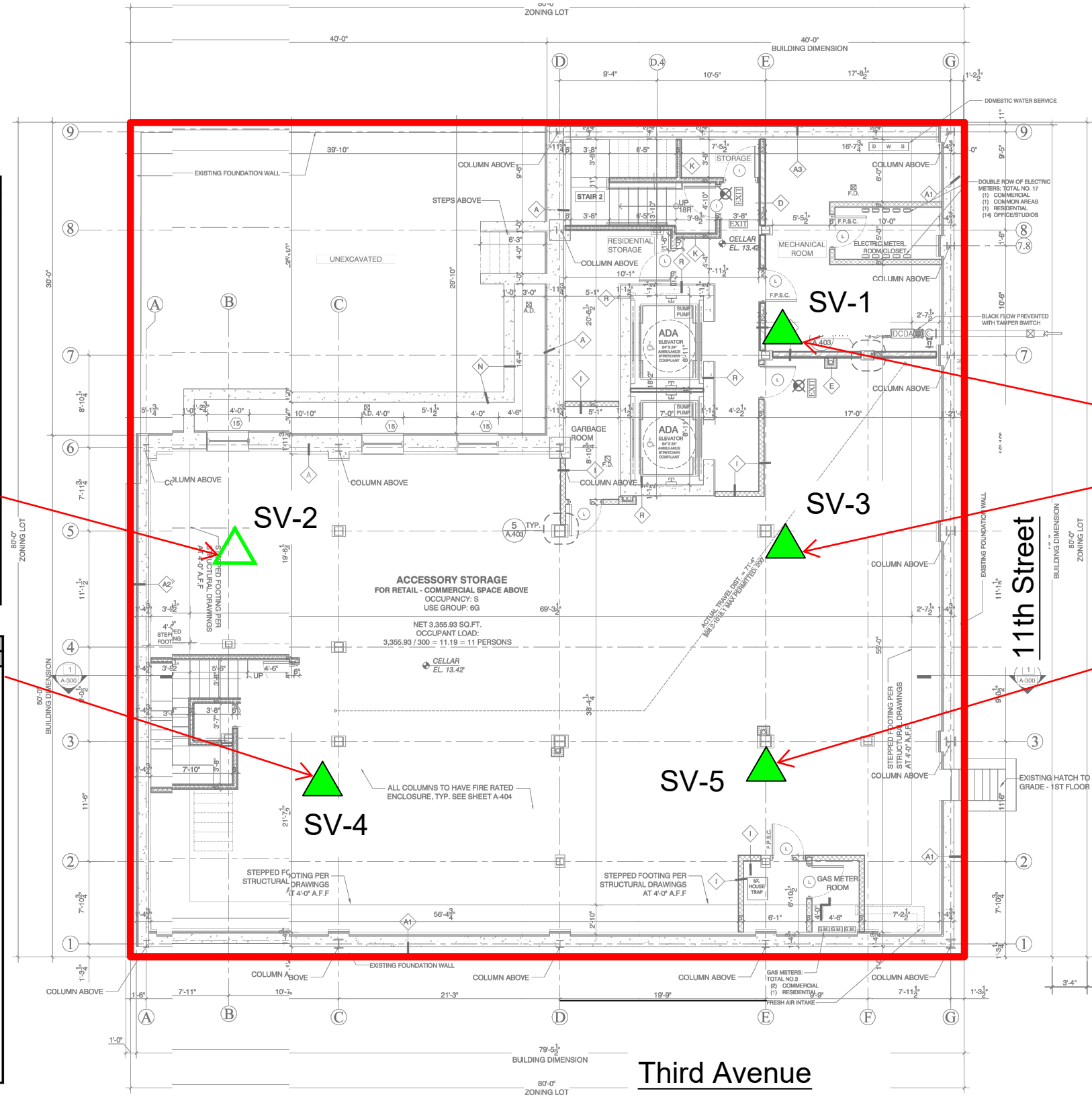
- Adapted from "Cellar Floor Plan", A-100.00, drawn by Henry Radusky, Bricolage Architecture and Design, PLLC, July 20, 2022.

Date:	09/11/2024	Site:	500 Third Avenue, Brooklyn, New York 11215
Drawn by:	Michael Oliver		Supplemental Sampling Report
Checked by:	Kenneth P. Wenz Jr., PG, LEP	Figure:	5
Drawing Scale:	As Drawn	Title:	Exceedances in Groundwater Samples
Project No.:	24-133-0666		



SV-2		
Compound	Result	Q
VOCs		
Dilution Factor	15.27	
1,2,4-Trimethylbenzene	61	D
1,3,5-Trimethylbenzene	23	D
1,3-Butadiene	43	D
2,2,4-Trimethylpentane	3.6	D
2-Butanone	41	D
4-Methyl-2-pentanone	11	D
Acetone	200	D
Acrylonitrile	7.0	D
Benzene	30	D
Carbon disulfide	26	D
Chloroform	19	D
Ethyl Benzene	32	D
Isopropanol	17	D
n-Heptane	27	D
n-Hexane	36	D
o-Xylene	48	D
p- & m- Xylenes	130	D
p-Ethyltoluene	52	D
Propylene	420	D
Tetrachloroethene	94	D
Toluene	91	D
Trichloroethene	4,900	DE

SV-4		
Compound	Result	Q
VOCs		
Dilution Factor	3.25	
1,2,4-Trimethylbenzene	66	D
1,3,5-Trimethylbenzene	15	D
1,3-Butadiene	29	D
2-Butanone	11	D
4-Methyl-2-pentanone	4.5	D
Acetone	320	D
Acrylonitrile	4.1	BD
Benzene	16	D
Chloroform	1.6	D
Chloromethane	1.7	D
Cyclohexane	3.4	D
Dichlorodifluoromethane	2.3	D
Ethyl Benzene	31	D
Isopropanol	5.4	D
Methylene chloride	7.3	D
n-Heptane	17	D
n-Hexane	20	D
o-Xylene	49	D
p- & m- Xylenes	140	D
p-Ethyltoluene	51	D
Propylene	260	D
Styrene	3.7	D
Tetrachloroethylene	34	D
Toluene	110	D
Trichloroethylene	30	D
Vinyl Chloride	0.42	D
2,2,4-Trimethylpentane	3.6	D



SV-1		
Compound	Result	Q
VOCs		
Dilution Factor	6.836	
1,2,4-Trimethylbenzene	60	D
1,3,5-Trimethylbenzene	15	D
1,3-Butadiene	38	D
2-Butanone	34	D
4-Methyl-2-pentanone	22	D
Acetone	270	D
Acrylonitrile	4.0	D
Benzene	26	D
Carbon disulfide	23	D
Chloromethane	2.0	D
Cyclohexane	5.4	D
Ethyl acetate	12	D
Ethyl Benzene	40	D
Methylene chloride	9.3	D
n-Heptane	32	D
n-Hexane	29	D
o-Xylene	54	D
p- & m- Xylenes	160	D
p-Ethyltoluene	50	D
Propylene	320	D
Styrene	4.1	D
Tetrachloroethylene	11	D
Tetrahydrofuran	4.8	D
Toluene	710	D
Trichloroethylene	190	D
2,2,4-Trimethylpentane	5.8	D

SV-3		
Compound	Result	Q
VOCs		
Dilution Factor	3.65	
1,2,4-Trimethylbenzene	35	D
1,3,5-Trimethylbenzene	8.8	D
1,3-Butadiene	22	D
2-Butanone	21	D
2-Hexanone	4.3	D
4-Methyl-2-pentanone	10	D
Acetone	340	D
Acrylonitrile	20	BD
Benzene	12	D
Carbon disulfide	12	D
Carbon tetrachloride	0.69	D
Chloroform	2.1	D
Cyclohexane	3.1	D
Dichlorodifluoromethane	2.0	D
Ethyl acetate	4.5	D
Ethyl Benzene	21	D
Isopropanol	3.9	D
Methylene chloride	6.3	D
n-Heptane	16	D
n-Hexane	28	D
o-Xylene	31	D
p- & m- Xylenes	87	D
p-Ethyltoluene	29	D
Propylene	250	D
Tetrachloroethylene	7.2	D
Toluene	78	D
Trichloroethylene	15	D
2,2,4-Trimethylpentane	2.9	D

SV-5		
Compound	Result	Q
VOCs		
Dilution Factor	3.012	
1,2,4-Trimethylbenzene	64	D
1,3,5-Trimethylbenzene	15	D
1,3-Butadiene	16	D
2-Butanone	13	D
2-Hexanone	3.0	D
4-Methyl-2-pentanone	16	D
Acetone	290	D
Benzene	13	D
Carbon disulfide	7.2	D
Chloroform	2.9	D
Cyclohexane	3.1	D
Dichlorodifluoromethane	2.4	D
Ethyl acetate	3.7	D
Ethyl Benzene	30	D
Isopropanol	3.1	D
Methyl Methacrylate	3.8	D
Methylene chloride	7.7	D
n-Heptane	14	D
n-Hexane	14	D
o-Xylene	47	D
p- & m- Xylenes	130	D
p-Ethyltoluene	49	D
Propylene	140	D
Styrene	3.7	D
Tetrachloroethylene	7.8	D
Toluene	110	D
Trichloroethylene	14	D
2,2,4-Trimethylpentane	3.8	D

Scale

=10 Feet

= 50 Feet

LEGEND:

- Site Boundary
- Soil Vapor Probe - June 2024 RI
- Soil Vapor Probe - August 2024 Supplemental Sampling

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NOTES:

- Adapted from "Cellar Floor Plan", A-100.00, drawn by Henry Radusky, Bricolage Architecture and Design, PLLC, July 20, 2022.
- Q is the Qualifier Column with Definitions as follows:
D= result is from an analysis that required dilution
U= analyte not detected at or above the level indicated
E= result is estimated and cannot be accurately reported due to levels encountered or interferences
B= analyte found in the analysis batch blank

Date:	09/11/2024	Site: 500 Third Avenue, Brooklyn, New York 11215 Supplemental Sampling Report
Drawn by:	Michael Oliver	
Checked by:	Kenneth P. Wenz Jr., PG, LEP	
Drawing Scale:	As Drawn	
Project No.:	24-133-0666	Figure: 6
		Title: Detected Compounds in Soil Vapor Samples

TABLES

Table 1
Groundwater Elevation Data
500 Third Avenue, Brooklyn, New York

<u>Well I.D.</u>	<u>Instrument Height (ft)</u>	<u>Survey Rod Reading for top of PVC Casing (ft)</u>	<u>Top of Casing Elevation (ft)*</u>	<u>Depth to Water (ft)**</u>	<u>Groundwater Elevation (ft)***</u>
TW-1	100	4.04	95.96	18.39	77.57
TW-2	100	4.42	95.58	17.55	78.03
TW-3	100	5.31	94.69	16.61	78.08
TW-4	100	5.01	94.99	17.42	77.57

* Elevation measured to a common random datum. For purposes of the surveying, the horizontal line-of-sight for the survey transit was set as 100.00 feet, and the rod reading was subtracted from 100.00 to establish the relative elevation at a marked point at the top of the well casing or ground surface adjacent to the well casing.

**Depth to Water measured from top of casing.

*** Elevation measured to a common random datum. Groundwater elevations were calculated by subtracting the depth to groundwater measured from the surveyed point at the top of the well casing from the relative elevation of that point.

Table 2A
Soil Sample Results (VOCs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives	6NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6 (0'-2') 24H1851-01 08/26/2024 Soil		SB-6 (11'-13') 24H1851-02 08/26/2024 Soil	
Compound	CAS Number			Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor				1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0022	U	0.0019	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0022	U	0.0019	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0022	U	0.0019	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0022	U	0.0019	U
1,1,2-Trichloroethane	79-00-5	~	~	0.0022	U	0.0019	U
1,1-Dichloroethane	75-34-3	0.27	26	0.0022	U	0.0019	U
1,1-Dichloroethene	75-35-4	0.33	100	0.0022	U	0.0019	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0022	U	0.0019	U
1,2,3-Trichloropropane	96-18-4	~	~	0.0022	U	0.0019	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0022	U	0.0019	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	0.0022	U	0.0019	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0022	U	0.0019	U
1,2-Dibromoethane	106-93-4	~	~	0.0022	U	0.0019	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0022	U	0.0019	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.0022	U	0.0019	U
1,2-Dichloropropane	78-87-5	~	~	0.0022	U	0.0019	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	0.0022	U	0.0019	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0022	U	0.0019	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0022	U	0.0019	U
1,4-Dioxane	123-91-1	0.1	13	0.043	U	0.037	U
2-Butanone	78-93-3	0.12	100	0.0022	U	0.0019	U
2-Hexanone	591-78-6	~	~	0.0022	U	0.0019	U
4-Methyl-2-pentanone	108-10-1	~	~	0.0022	U	0.0019	U
Acetone	67-64-1	0.05	100	0.0073	J	0.0075	
Acrolein	107-02-8	~	~	0.0043	U	0.0037	U
Acrylonitrile	107-13-1	~	~	0.0022	U	0.0019	U
Benzene	71-43-2	0.06	4.8	0.0022	U	0.0019	U
Bromochloromethane	74-97-5	~	~	0.0022	U	0.0019	U
Bromodichloromethane	75-27-4	~	~	0.0022	U	0.0019	U
Bromoform	75-25-2	~	~	0.0022	U	0.0019	U
Bromomethane	74-83-9	~	~	0.0022	U	0.0019	U
Carbon disulfide	75-15-0	~	~	0.0022	U	0.0019	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.0022	U	0.0019	U
Chlorobenzene	108-90-7	1.1	100	0.0022	U	0.0019	U
Chloroethane	75-00-3	~	~	0.0022	U	0.0019	U
Chloroform	67-66-3	0.37	49	0.0022	U	0.0019	U
Chloromethane	74-87-3	~	~	0.0022	U	0.0019	U
cis-1,2-Dichloroethene	156-59-2	0.25	100	0.0022	U	0.0019	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0022	U	0.0019	U
Cyclohexane	110-82-7	~	~	0.0022	U	0.0019	U
Dibromochloromethane	124-48-1	~	~	0.0022	U	0.0019	U
Dibromomethane	74-95-3	~	~	0.0022	U	0.0019	U
Dichlorodifluoromethane	75-71-8	~	~	0.0022	U	0.0019	U
Ethyl Benzene	100-41-4	1	41	0.0022	U	0.0019	U
Hexachlorobutadiene	87-68-3	~	~	0.0022	U	0.0019	U
Isopropylbenzene	98-82-8	~	~	0.0022	U	0.0019	U
Methyl acetate	79-20-9	~	~	0.0022	U	0.0019	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.0022	U	0.0019	U
Methylcyclohexane	108-87-2	~	~	0.0022	U	0.0019	U
Methylene chloride	75-09-2	0.05	100	0.0043	U	0.0037	U
n-Butylbenzene	104-51-8	12	100	0.0022	U	0.0019	U
n-Propylbenzene	103-65-1	3.9	100	0.0022	U	0.0019	U
o-Xylene	95-47-6	~	~	0.0022	U	0.0019	U
p- & m- Xylenes	179601-23-1	~	~	0.0043	U	0.0037	U
p-Isopropyltoluene	99-87-6	~	~	0.0022	U	0.0019	U
sec-Butylbenzene	135-98-8	11	100	0.0022	U	0.0019	U
Styrene	100-42-5	~	~	0.0022	U	0.0019	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0022	U	0.0019	U
tert-Butylbenzene	98-06-6	5.9	100	0.0022	U	0.0019	U
Tetrachloroethene	127-18-4	1.3	19	0.0022	U	0.0019	U
Toluene	108-88-3	0.7	100	0.0022	U	0.0019	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.0022	U	0.0019	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0022	U	0.0019	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.0022	U	0.0019	U
Trichloroethene	79-01-6	0.47	21	0.029	J	0.0019	J
Trichlorofluoromethane	75-69-4	~	~	0.0022	U	0.0019	U
Vinyl Chloride	75-01-4	0.02	0.9	0.0022	U	0.0019	U
Xylenes, Total	1330-20-7	0.26	100	0.0065	U	0.0056	U

NOTES:

Exceeds 6NYCRR Unrestricted Use SCOs

Exceeds 6NYCRR Unrestricted Use SCOs and Restricted Residential Use SCOs

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 2B
Soil Sample Results (SVOCs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives	6NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6 (0'-2') 24H1851-01 08/26/2024 Soil		SB-6 (11'-13') 24H1851-02 08/26/2024 Soil	
Compound	CAS Number			Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor				100		2	
1,1-Biphenyl	92-52-4	~	~	0.378	D	0.0445	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.0908	U	0.0888	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0455	U	0.0445	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0455	U	0.0445	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0455	U	0.0445	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0455	U	0.0445	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0455	U	0.0445	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.0908	U	0.0888	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0455	U	0.0445	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0455	U	0.0445	U
2,4-Dichlorophenol	120-83-2	~	~	0.0455	U	0.0445	U
2,4-Dimethylphenol	105-67-9	~	~	0.0455	U	0.0445	U
2,4-Dinitrophenol	51-28-5	~	~	0.0908	U	0.0888	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0455	U	0.0445	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0455	U	0.0445	U
2-Chloronaphthalene	91-58-7	~	~	0.0455	U	0.0445	U
2-Chlorophenol	95-57-8	~	~	0.0455	U	0.0445	U
2-Methylnaphthalene	91-57-6	~	~	1.08	D	0.0445	U
2-Methylphenol	95-48-7	0.33	100	0.0455	U	0.0445	U
2-Nitroaniline	88-74-4	~	~	0.0908	U	0.0888	U
2-Nitrophenol	88-75-5	~	~	0.0455	U	0.0445	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.0610	JD	0.0445	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0455	U	0.0445	U
3-Nitroaniline	99-09-2	~	~	0.0908	U	0.0888	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.0908	U	0.0888	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0455	U	0.0445	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0455	U	0.0445	U
4-Chloroaniline	106-47-8	~	~	0.0455	U	0.0445	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0455	U	0.0445	U
4-Nitroaniline	100-01-6	~	~	0.0908	U	0.0888	U
4-Nitrophenol	100-02-7	~	~	0.0908	U	0.0888	U
Acenaphthene	83-32-9	20	100	2.59	D	0.0445	U
Acenaphthylene	208-96-8	100	100	1.73	D	0.0445	U
Acetophenone	98-86-2	~	~	0.0455	U	0.0445	U
Aniline	62-53-3	~	~	0.182	U	0.178	U
Anthracene	120-12-7	100	100	7.19	D	0.0445	U
Atrazine	1912-24-9	~	~	0.0455	U	0.0445	U
Benzaldehyde	100-52-7	~	~	0.0455	U	0.0445	U
Benidine	92-87-5	~	~	0.182	U	0.178	U
Benzo(a)anthracene	56-55-3	1	1	20.3	D	0.0445	U
Benzo(a)pyrene	50-32-8	1	1	19.9	D	0.0445	U
Benzo(b)fluoranthene	205-99-2	1	1	24.7	D	0.0445	U
Benzo(g,h,i)perylene	191-24-2	100	100	13.5	D	0.0445	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	8.06	D	0.0445	U
Benzoic acid	65-85-0	~	~	0.0455	U	0.0445	U
Benzyl alcohol	100-51-6	~	~	0.0455	U	0.0445	U
Benzyl butyl phthalate	85-68-7	~	~	0.0455	U	0.0445	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0455	U	0.0445	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0455	U	0.0445	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0455	U	0.0445	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0455	U	0.0445	U
Caprolactam	105-60-2	~	~	0.0908	U	0.0888	U
Carbazole	86-74-8	~	~	3.88	JD	0.0445	U
Chrysene	218-01-9	1	3.9	20.9	D	0.0445	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	2.60	D	0.0445	U
Dibenzofuran	132-64-9	7	59	2.47	D	0.0445	U
Diethyl phthalate	84-66-2	~	~	0.0455	U	0.0445	U
Dimethyl phthalate	131-11-3	~	~	0.0455	U	0.0445	U
Di-n-butyl phthalate	84-74-2	~	~	0.0455	U	0.0445	U
Di-n-octyl phthalate	117-84-0	~	~	0.0455	U	0.0445	U
Diphenylamine	122-39-4	~	~	0.0908	U	0.0888	U
Fluoranthene	206-44-0	100	100	63.6	D	0.0445	U
Fluorene	86-73-7	30	100	2.62	D	0.0445	U
Hexachlorobenzene	118-74-1	0.33	1.2	0.0455	U	0.0445	U
Hexachlorobutadiene	87-68-3	~	~	0.0455	U	0.0445	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0455	U	0.0445	U
Hexachloroethane	67-72-1	~	~	0.0455	U	0.0445	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	15.1	D	0.0445	U
Isophorone	78-59-1	~	~	0.0455	U	0.0445	U
Naphthalene	91-20-3	12	100	1.64	D	0.0445	U
Nitrobenzene	98-95-3	~	~	0.0455	U	0.0445	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0455	U	0.0445	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0455	U	0.0445	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0455	U	0.0445	U
Pentachlorophenol	87-86-5	0.8	6.7	0.0455	U	0.0445	U
Phenanthrene	85-01-8	100	100	55.9	D	0.0445	U
Phenol	108-95-2	0.33	100	0.0455	U	0.0445	U
Pyrene	129-00-0	100	100	46.6	D	0.0445	U

NOTES:

Exceeds 6NYCRR Unrestricted Use SCOs

Exceeds 6NYCRR Unrestricted Use SCOs and Restricted Residential Use SCOs

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

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

Table 2C
Soil Sample Results (Metals, Pesticides, and PCBs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives	6NYCRR Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6 (0'-2') 24H1851-01 08/26/2024 Soil		SB-6 (11'-13') 24H1851-02 08/26/2024 Soil	
Compound	CAS Number			Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor				1		1	
Aluminum	7429-90-5	~	~	10,300		6,100	
Antimony	7440-36-0	~	~	2.31	U	2.25	U
Arsenic	7440-38-2	13	16	10.7		4.04	
Barium	7440-39-3	350	400	253		45.8	
Beryllium	7440-41-7	7.2	72	0.0470	U	0.0450	U
Cadmium	7440-43-9	2.5	4.3	0.451		0.271	U
Calcium	7440-70-2	~	~	7,320		1,610	
Chromium	7440-47-3	~	~	20.4		13.8	
Cobalt	7440-48-4	~	~	7.37		6.10	
Copper	7440-50-8	50	270	60.1		13.2	
Iron	7439-89-6	~	~	20,100		11,000	
Lead	7439-92-1	63	400	1,960		7.42	
Magnesium	7439-95-4	~	~	2,800		3,070	
Manganese	7439-96-5	1600	2000	346		342	
Nickel	7440-02-0	30	310	16.4		26.6	
Potassium	7440-09-7	~	~	1,350	B	1,370	B
Selenium	7782-49-2	3.9	180	2.77		2.25	U
Silver	7440-22-4	2	180	0.465	U	0.455	U
Sodium	7440-23-5	~	~	149		151	
Thallium	7440-28-0	~	~	2.31	U	2.25	U
Vanadium	7440-62-2	~	~	24.7		20.2	
Zinc	7440-66-6	109	10000	274		31.9	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor				1		1	
Mercury	7439-97-6	0.18	0.81	3.09		0.0325	U
Pesticides, 8081 target list		mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor				5		5	
4,4'-DDD	72-54-8	0.0033	13	0.00180	U	0.00176	U
4,4'-DDE	72-55-9	0.0033	8.9	0.00180	U	0.00176	U
4,4'-DDT	50-29-3	0.0033	7.9	0.00180	U	0.00176	U
Aldrin	309-00-2	0.005	0.097	0.00180	U	0.00176	U
alpha-BHC	319-84-6	0.02	0.48	0.00180	U	0.00176	U
alpha-Chlordane	5103-71-9	0.094	4.2	0.00180	U	0.00176	U
beta-BHC	319-85-7	0.036	0.36	0.00180	U	0.00176	U
Chlordane, total	57-74-9	~	~	0.0361	U	0.0353	U
delta-BHC	319-86-8	0.04	100	0.00180	U	0.00176	U
Dieldrin	60-57-1	0.005	0.2	0.00180	U	0.00176	U
Endosulfan I	959-98-8	2.4	24	0.00180	U	0.00176	U
Endosulfan II	33213-65-9	2.4	24	0.00180	U	0.00176	U
Endosulfan sulfate	1031-07-8	2.4	24	0.00180	U	0.00176	U
Endrin	72-20-8	0.014	11	0.00180	U	0.00176	U
Endrin aldehyde	7421-93-4	~	~	0.00180	U	0.00176	U
Endrin ketone	53494-70-5	~	~	0.00180	U	0.00176	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.00180	U	0.00176	U
gamma-Chlordane	5566-34-7	~	~	0.00180	U	0.00176	U
Heptachlor	76-44-8	0.042	2.1	0.00180	U	0.00176	U
Heptachlor epoxide	1024-57-3	~	~	0.00180	U	0.00176	U
Methoxychlor	72-43-5	~	~	0.00180	U	0.00176	U
Toxaphene	8001-35-2	~	~	0.180	U	0.176	U
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor				1		1	
Aroclor 1016	12674-11-2	~	~	0.0182	U	0.0178	U
Aroclor 1221	11104-28-2	~	~	0.0182	U	0.0178	U
Aroclor 1232	11141-16-5	~	~	0.0182	U	0.0178	U
Aroclor 1242	53469-21-9	~	~	0.0182	U	0.0178	U
Aroclor 1248	12672-29-6	~	~	0.0182	U	0.0178	U
Aroclor 1254	11097-69-1	~	~	0.0182	U	0.0178	U
Aroclor 1260	11096-82-5	~	~	0.0182	U	0.0178	U
Total PCBs	1336-36-3	0.1	1	0.0182	U	0.0178	U

NOTES:

Exceeds 6NYCRR Unrestricted Use SCOs

Exceeds 6NYCRR Unrestricted Use SCOs and Restricted Residential Use SCOs

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

Table 3A
Groundwater Sample Results (VOCs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		NYS Class GA Groundwater Standards and Guidance Values	TW-1 24H1839-01 08/27/2024 Ground Water		TW-2 24H1839-02 08/27/2024 Ground Water		TW-3 24H1839-03 08/27/2024 Ground Water		TW-4 24H1839-04 08/27/2024 Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L		ug/L		ug/L		ug/L	
Dilution Factor			50		1		1		50	
1,1,1,2-Tetrachloroethane	630-20-6	5	1.0	U	0.20	U	0.20	U	1.0	U
1,1,1-Trichloroethane	71-55-6	5	1.0	U	0.20	U	0.20	U	1.0	U
1,1,2,2-Tetrachloroethane	79-34-5	5	1.0	U	0.20	U	0.20	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	1.0	U	0.20	U	0.20	U	1.0	U
1,1,2-Trichloroethane	79-00-5	1	1.0	U	0.20	U	0.20	U	1.0	U
1,1-Dichloroethane	75-34-3	5	1.0	U	0.20	U	0.20	U	1.0	U
1,1-Dichloroethene	75-35-4	5	1.0	U	0.20	U	0.20	U	1.0	U
1,2,3-Trichlorobenzene	87-61-6	5	1.0	U	0.20	U	0.20	U	1.0	U
1,2,3-Trichloropropane	96-18-4	0.04	1.0	U	0.20	U	0.20	U	1.0	U
1,2,4-Trichlorobenzene	120-82-1	5	1.0	U	0.20	U	0.20	U	1.0	U
1,2,4-Trimethylbenzene	95-63-6	5	3,600	DE	2.4		0.41	J	1,100	D
1,2-Dibromo-3-chloropropane	96-12-8	0.04	1.0	U	0.20	U	0.20	U	1.0	U
1,2-Dibromoethane	106-93-4	0.0006	1.0	U	0.20	U	0.20	U	1.0	U
1,2-Dichlorobenzene	95-50-1	3	1.0	U	0.20	U	0.20	U	1.0	U
1,2-Dichloroethane	107-06-2	0.6	1.0	U	0.20	U	0.20	U	1.0	U
1,2-Dichloropropane	78-87-5	1	1.0	U	0.20	U	0.20	U	1.0	U
1,3,5-Trimethylbenzene	108-67-8	5	730	D	0.56		0.20	U	300	D
1,3-Dichlorobenzene	541-73-1	3	1.0	U	0.20	U	0.20	U	1.0	U
1,4-Dichlorobenzene	106-46-7	3	1.0	U	0.20	U	0.20	U	1.0	U
1,4-Dioxane	123-91-1	0.35	200	U	40	U	40	U	200	U
2-Butanone	78-93-3	50	14	D	0.32	J	0.56	J	21	D
2-Hexanone	591-78-6	50	1.0	U	0.20	U	0.20	U	1.0	U
4-Methyl-2-pentanone	108-10-1	~	1.0	U	0.20	U	0.20	U	7.2	D
Acetone	67-64-1	50	14	D	1.8	J	2.4		33	D
Acrolein	107-02-8	~	16	D	0.20	U	3.7		1.0	U
Acrylonitrile	107-13-1	~	1.0	U	0.20	U	0.20	U	1.0	U
Benzene	71-43-2	1	1.0	U	0.20	U	0.20	U	60	D
Bromochloromethane	74-97-5	5	1.0	U	0.20	U	0.20	U	1.0	U
Bromodichloromethane	75-27-4	50	1.0	U	0.20	U	0.20	U	1.0	U
Bromoform	75-25-2	50	1.0	U	0.20	U	0.20	U	1.0	U
Bromomethane	74-83-9	5	1.0	U	0.20	U	0.20	U	1.0	U
Carbon disulfide	75-15-0	~	1.0	U	0.20	U	0.20	U	1.0	U
Carbon tetrachloride	56-23-5	5	1.0	U	0.20	U	0.20	U	1.0	U
Chlorobenzene	108-90-7	5	1.0	U	0.20	U	0.20	U	1.0	U
Chloroethane	75-00-3	5	1.0	U	0.20	U	0.20	U	1.0	U
Chloroform	67-66-3	7	1.0	U	0.20	U	0.20	U	1.0	U
Chloromethane	74-87-3	5	1.0	U	0.20	U	0.20	U	1.0	U
cis-1,2-Dichloroethene	156-59-2	5	1.0	U	0.20	U	0.20	U	1.0	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	1.0	U	0.20	U	0.20	U	1.0	U
Cyclohexane	110-82-7	~	70	D	0.20	U	1.2		98	D
Dibromochloromethane	124-48-1	50	1.0	U	0.20	U	0.20	U	1.0	U
Dibromomethane	74-95-3	~	1.0	U	0.20	U	0.20	U	1.0	U
Dichlorodifluoromethane	75-71-8	5	1.0	U	0.20	U	0.20	U	1.0	U
Ethyl Benzene	100-41-4	5	72	D	1.0		0.20	U	670	D
Hexachlorobutadiene	87-68-3	0.5	1.0	U	0.20	U	0.20	U	1.0	U
Isopropylbenzene	98-82-8	5	230	D	0.20	U	0.20	U	110	D
Methyl acetate	79-20-9	~	1.0	U	0.20	U	0.20	U	1.0	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	1.0	U	0.28	J	0.51		2.0	JD
Methylcyclohexane	108-87-2	~	87	D	0.20	U	0.20	U	65	D
Methylene chloride	75-09-2	5	5.0	U	1.0	U	1.0	U	5.0	U
n-Butylbenzene	104-51-8	5	180	D	0.25	J	0.20	U	31	D
n-Propylbenzene	103-65-1	5	750	D	0.48	J	0.20	U	180	D
o-Xylene	95-47-6	5	2.6	D	1.3		0.20	U	1,100	D
p- & m- Xylenes	179601-23-1	~	100	D	3.4		0.50	U	2,300	D
p-Isopropyltoluene	99-87-6	5	20	D	0.20	U	0.20	U	5.7	D
sec-Butylbenzene	135-98-8	5	71	D	0.20	U	0.20	U	20	D
Styrene	100-42-5	5	1.0	U	0.20	U	0.20	U	40	D
tert-Butyl alcohol (TBA)	75-65-0	~	2.5	U	0.50	U	0.50	U	2.5	U
tert-Butylbenzene	98-06-6	5	1.0	U	0.20	U	0.20	U	1.0	U
Tetrachloroethene	127-18-4	5	1.0	U	0.20	U	0.20	U	1.0	U
Toluene	108-88-3	5	3.0	D	1.1		0.20	U	470	D
trans-1,2-Dichloroethene	156-60-5	5	1.0	U	0.20	U	0.20	U	1.0	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	1.0	U	0.20	U	0.20	U	1.0	U
trans-1,4-dichloro-2-butene	110-57-6	~	1.0	U	0.20	U	0.20	U	1.0	U
Trichloroethene	79-01-6	5	1.0	U	3.7		0.26	J	6.8	D
Trichlorofluoromethane	75-69-4	5	1.0	U	0.20	U	0.20	U	1.0	U
Vinyl Chloride	75-01-4	2	1.0	U	0.20	U	0.20	U	1.0	U
Xylenes, Total	1330-20-7	5	100	D	4.7		0.60	U	3,400	D

NOTES:

Exceeds Class GA Groundwater Standards or Guidance Values

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

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

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

Table 3B
Groundwater Sample Results (SVOCs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		NYS Class GA Groundwater Standards and Guidance Values	TW-4 24H1839-04 08/27/2024 Ground Water	
Compound	CAS Number		Result	Q
SVOA, 8270 LOW MASTER		ug/L	ug/L	
Dilution Factor			1	
1,1-Biphenyl	92-52-4	~	2.50	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.50	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.50	U
2,4,5-Trichlorophenol	95-95-4	1	2.50	U
2,4,6-Trichlorophenol	88-06-2	1	2.50	U
2,4-Dichlorophenol	120-83-2	5	2.50	U
2,4-Dimethylphenol	105-67-9	50	2.50	U
2,4-Dinitrophenol	51-28-5	10	2.50	U
2,4-Dinitrotoluene	121-14-2	5	2.50	U
2,6-Dinitrotoluene	606-20-2	5	2.50	U
2-Chloronaphthalene	91-58-7	10	2.50	U
2-Chlorophenol	95-57-8	1	2.50	U
2-Methylnaphthalene	91-57-6	~	31.9	
2-Methylphenol	95-48-7	1	2.50	U
2-Nitroaniline	88-74-4	5	2.50	U
2-Nitrophenol	88-75-5	1	2.50	U
3- & 4-Methylphenols	65794-96-9	1	2.50	U
3,3-Dichlorobenzidine	91-94-1	5	2.50	U
3-Nitroaniline	99-09-2	5	2.50	U
4,6-Dinitro-2-methylphenol	534-52-1	~	2.50	U
4-Bromophenyl phenyl ether	101-55-3	~	2.50	U
4-Chloro-3-methylphenol	59-50-7	1	2.50	U
4-Chloroaniline	106-47-8	5	2.50	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.50	U
4-Nitroaniline	100-01-6	5	2.50	U
4-Nitrophenol	100-02-7	1	5.00	U
Acetophenone	98-86-2	~	2.50	U
Benzaldehyde	100-52-7	~	2.50	U
Benzyl butyl phthalate	85-68-7	50	2.50	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.50	U
Bis(2-chloroethyl)ether	111-44-4	1	1.00	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.50	U
Caprolactam	105-60-2	~	2.50	U
Carbazole	86-74-8	~	4.10	J
Dibenzofuran	132-64-9	~	2.50	U
Diethyl phthalate	84-66-2	50	2.50	U
Dimethyl phthalate	131-11-3	50	2.50	U
Di-n-butyl phthalate	84-74-2	50	2.50	U
Di-n-octyl phthalate	117-84-0	50	2.50	U
Hexachlorocyclopentadiene	77-47-4	5	5.00	U
Isophorone	78-59-1	50	2.50	U
N-nitroso-di-n-propylamine	621-64-7	~	2.50	U
N-Nitrosodiphenylamine	86-30-6	50	2.50	U
Phenol	108-95-2	1	0.75	U
Propargite	2312-35-8	~	2.50	U
Pyridine	110-86-1	50	2.50	U
SVOA, 8270 SIM MASTER		ug/L	ug/L	
Dilution Factor			100	
Acenaphthene	83-32-9	20	5.00	U
Acenaphthylene	208-96-8	~	5.00	U
Anthracene	120-12-7	50	5.00	U
Atrazine	1912-24-9	~	50.0	U
Benzo(a)anthracene	56-55-3	0.002	5.00	U
Benzo(a)pyrene	50-32-8	0.002	5.00	U
Benzo(b)fluoranthene	205-99-2	0.002	5.00	U
Benzo(g,h,i)perylene	191-24-2	~	5.00	U
Benzo(k)fluoranthene	207-08-9	0.002	5.00	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	50.0	U
Chrysene	218-01-9	0.002	5.00	U
Dibenzo(a,h)anthracene	53-70-3	~	5.00	U
Fluoranthene	206-44-0	50	5.00	U
Fluorene	86-73-7	50	5.00	U
Hexachlorobenzene	118-74-1	0.04	2.00	U
Hexachlorobutadiene	87-68-3	0.5	50.0	U
Hexachloroethane	67-72-1	5	50.0	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	5.00	U
Naphthalene	91-20-3	10	67.0	D
Nitrobenzene	98-95-3	0.4	25.0	U
N-Nitrosodimethylamine	62-75-9	~	50.0	U
Pentachlorophenol	87-86-5	1	25.0	U
Phenanthrene	85-01-8	50	5.00	U
Pyrene	129-00-0	50	5.00	U

NOTES:

Exceeds Class GA Groundwater Standards or Guidance Values

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

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

Table 3C
Groundwater Sample Results (Metals, Pesticides, and PCBs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		NYS Class GA Groundwater Standards and Guidance Values	TW-4 24H1839-04 08/27/2024 Ground Water	
Compound	CAS Number		Result	Q
Metals, Target Analyte		ug/L	ug/L	
Dilution Factor			1	
Aluminum	7429-90-5	~	14,300	U
Antimony	7440-36-0	3	28.0	
Arsenic	7440-38-2	25	20.0	
Barium	7440-39-3	1000	1,040	
Beryllium	7440-41-7	3	8.00	
Cadmium	7440-43-9	5	5.00	
Calcium	7440-70-2	~	263,000	
Chromium	7440-47-3	50	76.0	
Cobalt	7440-48-4	~	147	
Copper	7440-50-8	200	415	
Iron	7439-89-6	~	45,000	
Lead	7439-92-1	25	1,950	
Magnesium	7439-95-4	35000	71,900	
Manganese	7439-96-5	300	21,100	
Nickel	7440-02-0	100	245	
Potassium	7440-09-7	~	13,900	
Selenium	7782-49-2	10	28.0	
Silver	7440-22-4	50	6.00	
Sodium	7440-23-5	20000	85,800	
Thallium	7440-28-0	~	28.0	U
Vanadium	7440-62-2	~	108	
Zinc	7440-66-6	2000	1,050	
Metals, Target Analyte, ICP Dissolved		ug/L	ug/L	
Dilution Factor			1	
Aluminum	7429-90-5	~	55.6	U
Barium	7440-39-3	1000	123	
Calcium	7440-70-2	~	108,000	
Chromium	7440-47-3	50	5.56	
Cobalt	7440-48-4	~	4.44	
Copper	7440-50-8	200	22.2	
Iron	7439-89-6	~	278	
Lead	7439-92-1	25	5.56	
Magnesium	7439-95-4	35000	41,100	
Manganese	7439-96-5	300	3,290	
Nickel	7440-02-0	100	12.8	
Potassium	7440-09-7	~	7,590	
Silver	7440-22-4	50	5.56	
Sodium	7440-23-5	20000	70,000	
Vanadium	7440-62-2	~	11.1	
Zinc	7440-66-6	2000	27.8	
Metals, Target Analyte, ICPMS Dissolved		ug/L	ug/L	
Dilution Factor			1	
Antimony	7440-36-0	3	1.11	U
Arsenic	7440-38-2	25	2.76	
Beryllium	7440-41-7	3	0.333	U
Cadmium	7440-43-9	5	0.556	
Selenium	7782-49-2	10	5.16	U
Thallium	7440-28-0	~	1.11	
Mercury by 7470/7471		ug/L	ug/L	
Dilution Factor			1	
Mercury	7439-97-6	0.7	6.50	
Mercury, Dissolved		ug/L	ug/L	
Dilution Factor			1	
Mercury	7439-97-6	0.7	0.200	
Pesticides, 8081 target list		ug/L	ug/L	
Dilution Factor			1	
4,4'-DDD	72-54-8	0.3	0.00400	U
4,4'-DDE	72-55-9	0.2	0.00400	U
4,4'-DDT	50-29-3	0.2	0.00400	U
Aldrin	309-00-2	~	0.00400	U
alpha-BHC	319-84-6	0.01	0.00400	U
alpha-Chlordane	5103-71-9	~	0.00692	P
beta-BHC	319-85-7	0.04	0.00400	U
Chlordane, total	57-74-9	0.05	0.0200	U
delta-BHC	319-86-8	0.04	0.00400	U
Dieldrin	60-57-1	0.004	0.00200	U
Endosulfan I	959-98-8	~	0.00400	U
Endosulfan II	33213-65-9	~	0.00400	U
Endosulfan sulfate	1031-07-8	~	0.00400	U
Endrin	72-20-8	~	0.00400	U
Endrin aldehyde	7421-93-4	5	0.0100	U
Endrin ketone	53494-70-5	5	0.0100	U
gamma-BHC (Lindane)	58-89-9	0.05	0.00400	U
gamma-Chlordane	5566-34-7	~	0.0100	U
Heptachlor	76-44-8	0.04	0.00400	U
Heptachlor epoxide	1024-57-3	0.03	0.00400	U
Methoxychlor	72-43-5	35	0.00400	U
Toxaphene	8001-35-2	0.06	0.100	U
Polychlorinated Biphenyls (PCB)		ug/L	ug/L	
Dilution Factor			1	
Aroclor 1016	12674-11-2	~	0.0500	U
Aroclor 1221	11104-28-2	~	0.0500	U
Aroclor 1232	11141-16-5	~	0.0500	U
Aroclor 1242	53469-21-9	~	0.0500	U
Aroclor 1248	12672-29-6	~	0.0500	U
Aroclor 1254	11097-69-1	~	0.0500	U
Aroclor 1260	11096-82-5	~	0.0500	U
Total PCBs	1336-36-3	0.09	0.0500	U

NOTES:

Exceeds Class GA Groundwater Standards or Guidance Values

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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 has been established for this analyte

Table 4
Soil Vapor Sample Results (VOCs)
500 Third Avenue, Brooklyn, New York

Sample ID York ID Sampling Date Client Matrix		SV-2 24H1871-01 08/27/2024 Soil Vapor	
Compound	CAS Number	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3	
Dilution Factor		15.27	
1,1,1,2-Tetrachloroethane	630-20-6	10	U
1,1,1-Trichloroethane	71-55-6	8.3	U
1,1,2,2-Tetrachloroethane	79-34-5	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	12	U
1,1,2-Trichloroethane	79-00-5	8.3	U
1,1-Dichloroethane	75-34-3	6.2	U
1,1-Dichloroethene	75-35-4	1.5	U
1,2,4-Trichlorobenzene	120-82-1	11	U
1,2,4-Trimethylbenzene	95-63-6	61	D
1,2-Dibromoethane	106-93-4	12	U
1,2-Dichlorobenzene	95-50-1	9.2	U
1,2-Dichloroethane	107-06-2	6.2	U
1,2-Dichloropropane	78-87-5	7.1	U
1,2-Dichlorotetrafluoroethane	76-14-2	11	U
1,3,5-Trimethylbenzene	108-67-8	23	D
1,3-Butadiene	106-99-0	43	D
1,3-Dichlorobenzene	541-73-1	9.2	U
1,3-Dichloropropane	142-28-9	7.1	U
1,4-Dichlorobenzene	106-46-7	9.2	U
1,4-Dioxane	123-91-1	11	U
2,2,4-Trimethylpentane	540-84-1	3.6	D
2-Butanone	78-93-3	41	D
2-Hexanone	591-78-6	13	U
3-Chloropropene	107-05-1	24	U
4-Methyl-2-pentanone	108-10-1	11	D
Acetone	67-64-1	200	D
Acrylonitrile	107-13-1	7.0	D
Benzene	71-43-2	30	D
Benzyl chloride	100-44-7	7.9	U
Bromodichloromethane	75-27-4	10	U
Bromoform	75-25-2	16	U
Bromomethane	74-83-9	5.9	U
Carbon disulfide	75-15-0	26	D
Carbon tetrachloride	56-23-5	2.4	U
Chlorobenzene	108-90-7	7.0	U
Chloroethane	75-00-3	4.0	U
Chloroform	67-66-3	19	D
Chloromethane	74-87-3	3.2	U
cis-1,2-Dichloroethene	156-59-2	1.5	U
cis-1,3-Dichloropropylene	10061-01-5	6.9	U
Cyclohexane	110-82-7	5.3	U
Dibromochloromethane	124-48-1	13	U
Dichlorodifluoromethane	75-71-8	7.6	U
Ethyl acetate	141-78-6	11	U
Ethyl Benzene	100-41-4	32	D
Hexachlorobutadiene	87-68-3	16	U
Isopropanol	67-63-0	17	D
Methyl Methacrylate	80-62-6	6.3	U
Methyl tert-butyl ether (MTBE)	1634-04-4	5.5	U
Methylene chloride	75-09-2	11	U
Naphthalene	91-20-3	16	U
n-Heptane	142-82-5	27	D
n-Hexane	110-54-3	36	D
o-Xylene	95-47-6	48	D
p- & m- Xylenes	179601-23-1	130	D
p-Ethyltoluene	622-96-8	52	D
Propylene	115-07-1	420	D
Styrene	100-42-5	6.5	U
Tetrachloroethene	127-18-4	94	D
Tetrahydrofuran	109-99-9	9.0	U
Toluene	108-88-3	91	D
trans-1,2-Dichloroethene	156-60-5	6.1	U
trans-1,3-Dichloropropylene	10061-02-6	6.9	U
Trichloroethene	79-01-6	4,900	DE
Trichlorofluoromethane (Freon 11)	75-69-4	8.6	U
Vinyl acetate	108-05-4	5.4	U
Vinyl bromide	593-60-2	6.7	U
Vinyl Chloride	75-01-4	2.0	U

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

APPENDIX A
PHOTOGRAPHS



View of drilling being conducted by PGES at the Site.



View of soil from 0-15 feet bgs from soil boring SB-6.



View of #2 sand being used to fill the annular space of the temporary groundwater monitoring well boring.



View of temporary groundwater monitoring well TW-2 after being installed.



View of the soil vapor point after being finished with bentonite to ground surface.



View of soil vapor point SV-2 being purged with a PID.



View of soil vapor sample SV-2 being collected.

APPENDIX B

BORING LOGS AND WELL CONSTRUCTION DIAGRAMS

 ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Engineering Consultants			Client: Brooklyn Industrial Buildings		Boring Number: SB-6
45-09 Greenpoint Avenue Long Island City, NY 11104 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com			Job Name: 500 3rd Avenue		Boring Location: Western center: 500 3rd Avenue Site
Field Representatives: Michael Oliver			Site Location: 500 3rd Avenue, Brooklyn, New York		Drilling Rig Type: Direct Push: Geoprobe 7822DT Casing Sampler Type: Acetate Sleeve
Groundwater Observations: N/A			Approximate Site Elevation: 25 feet		Date Start: 08/26/2024 Date Completed: 08/26/2024
Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0'-2') G	27	Dry	0.0	0'-1': Brown fine sand, some fine gravel-sized concrete, little silt, no staining or odor 1'-2': fine to medium gravel-sized fill material (concrete and brick), no staining or odor
2'	(2'-4')		Dry	0.0	Same as above
4'	(4'-6')		Dry	0.0	4'-5': Brown fine sand, some fine gravel-sized concrete, little silt, no staining or odor
6'	(6'-8')	30	Dry	0.0	5'-6': Brown fine sand, little silt, no staining or odor 6'-7': Same as above
8'	(8'-10')		Dry	0.0	7'-8': Same as above, little medium gravel
10'	(10'-12')		Dry	0.0	Same as above
12'	(12'-14') G	42	Dry	0.0	Brown fine sand, little silt, trace fine gravel, no staining or odor
14'	(14'-16')		14'-15': Damp	14'-15': 0.0	Same as above
16'	(16'-18')				14'-15': Same as above
18'	(18'-20')				

Boring Depth - 15 feet

G - grab sample collected for analysis

bgs - below ground surface



ATHENICA ENVIRONMENTAL
SERVICES, INC.

Environmental Consultants

JOB NAME: 500 Third Avenue

WELL NUMBER: **TW-1**

ADDRESS: 500 Third Avenue, Brooklyn, NY

DRILLING METHOD: Direct Push

INSTALLATION DATE: 08/26/2024

DRILLER: Pine Environmental Services

HEIGHT OF STICK-UP: (-) 0.40 feet

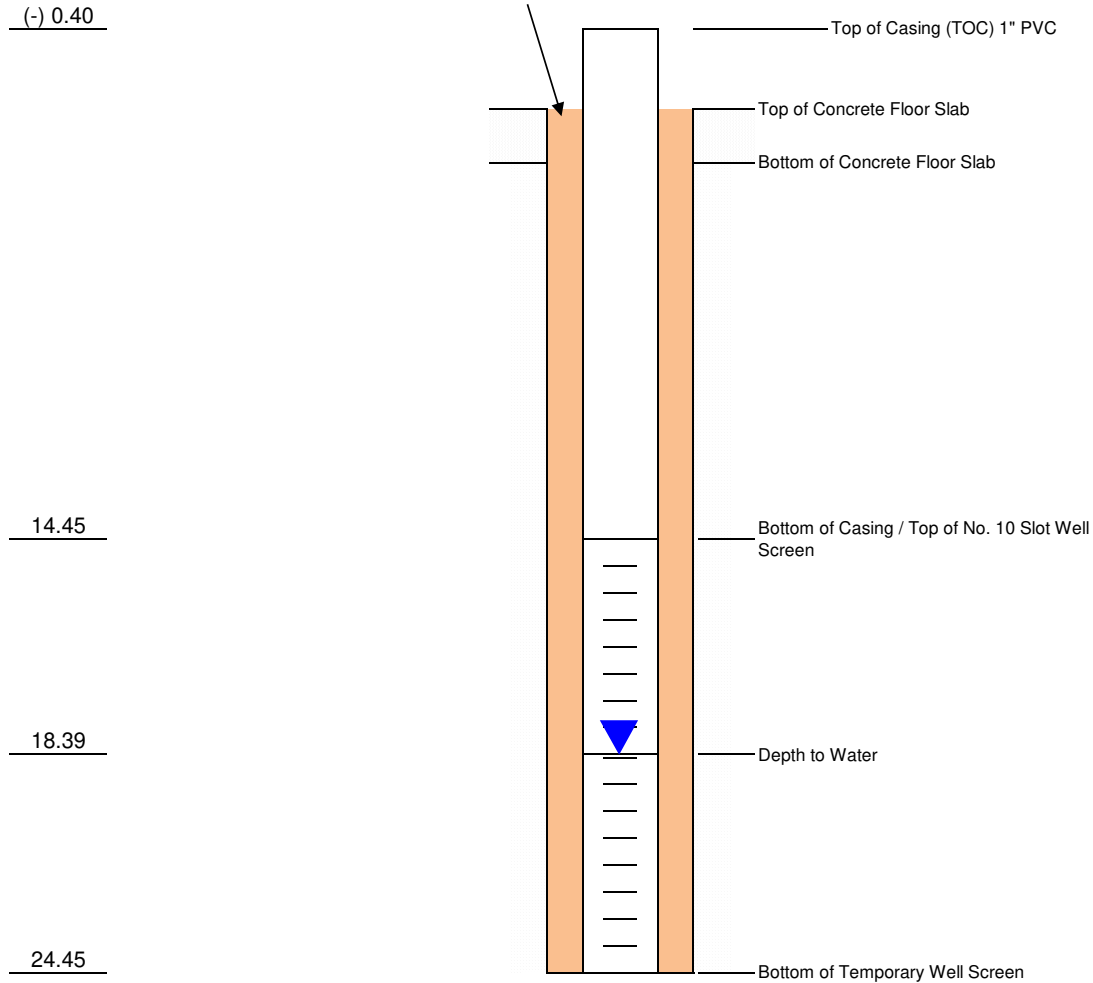
GAUGING DATE: 08/26/2024

DEPTH TO WATER: 18.39 feet

DEPTH TO PRODUCT: N/A

Depth from Top of Casing
(feet)
(-) 0.40

#2 sand backfilled in the annular
space of the soil boring



NOT TO SCALE



ATHENICA ENVIRONMENTAL
SERVICES, INC.

Environmental Consultants

JOB NAME: 500 Third Avenue

WELL NUMBER: **TW-2**

ADDRESS: 500 Third Avenue, Brooklyn, NY

DRILLING METHOD: Direct Push

INSTALLATION DATE: 08/26/2024

DRILLER: Pine Environmental Services

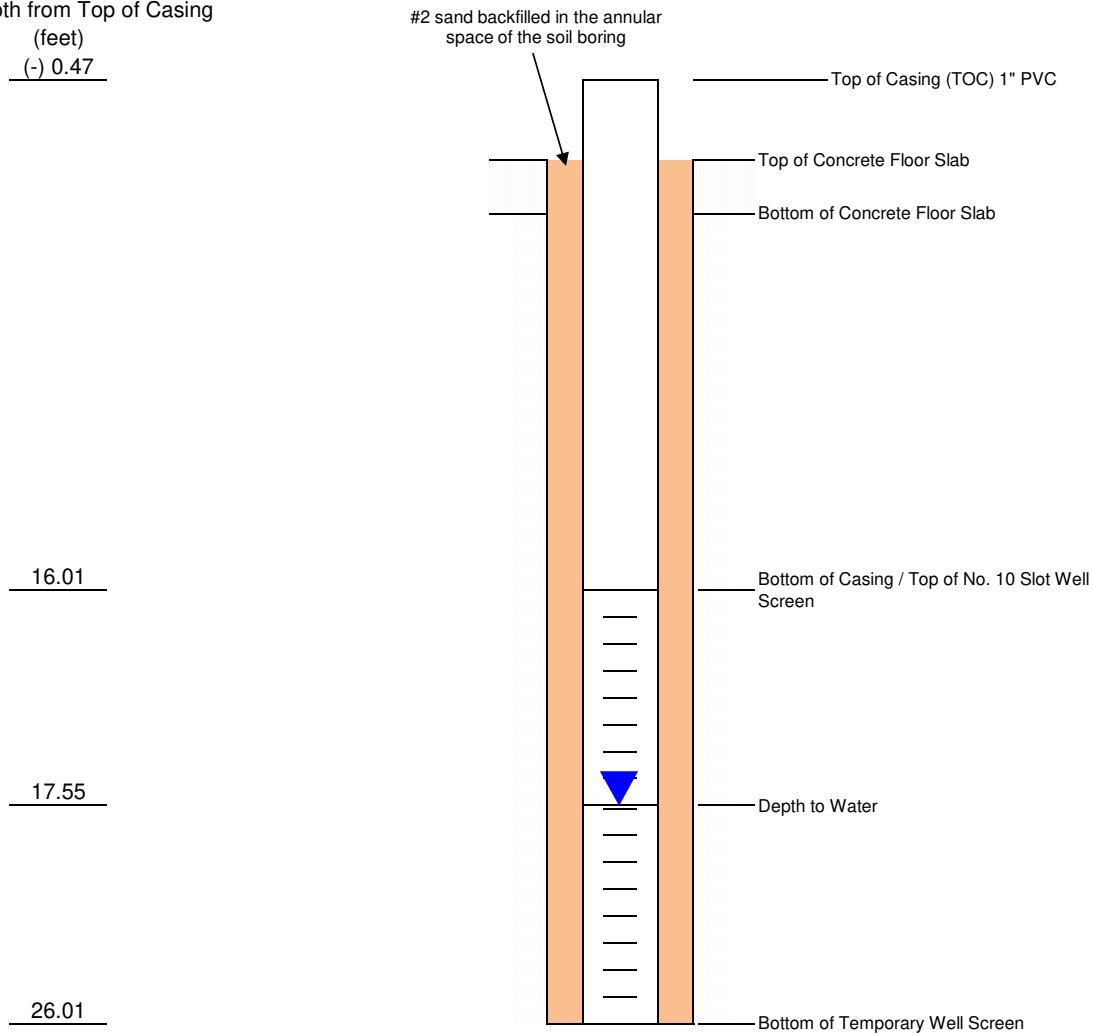
HEIGHT OF STICK-UP: (-) 0.47 feet

GAUGING DATE: 08/26/2024

DEPTH TO WATER: 17.55 feet

DEPTH TO PRODUCT: N/A

Depth from Top of Casing
(feet)
(-) 0.47



NOT TO SCALE



ATHENICA ENVIRONMENTAL
SERVICES, INC.

Environmental Consultants

JOB NAME: 500 Third Avenue

WELL NUMBER: **TW-3**

ADDRESS: 500 Third Avenue, Brooklyn, NY

DRILLING METHOD: Direct Push

INSTALLATION DATE: 08/26/2024

DRILLER: Pine Environmental Services

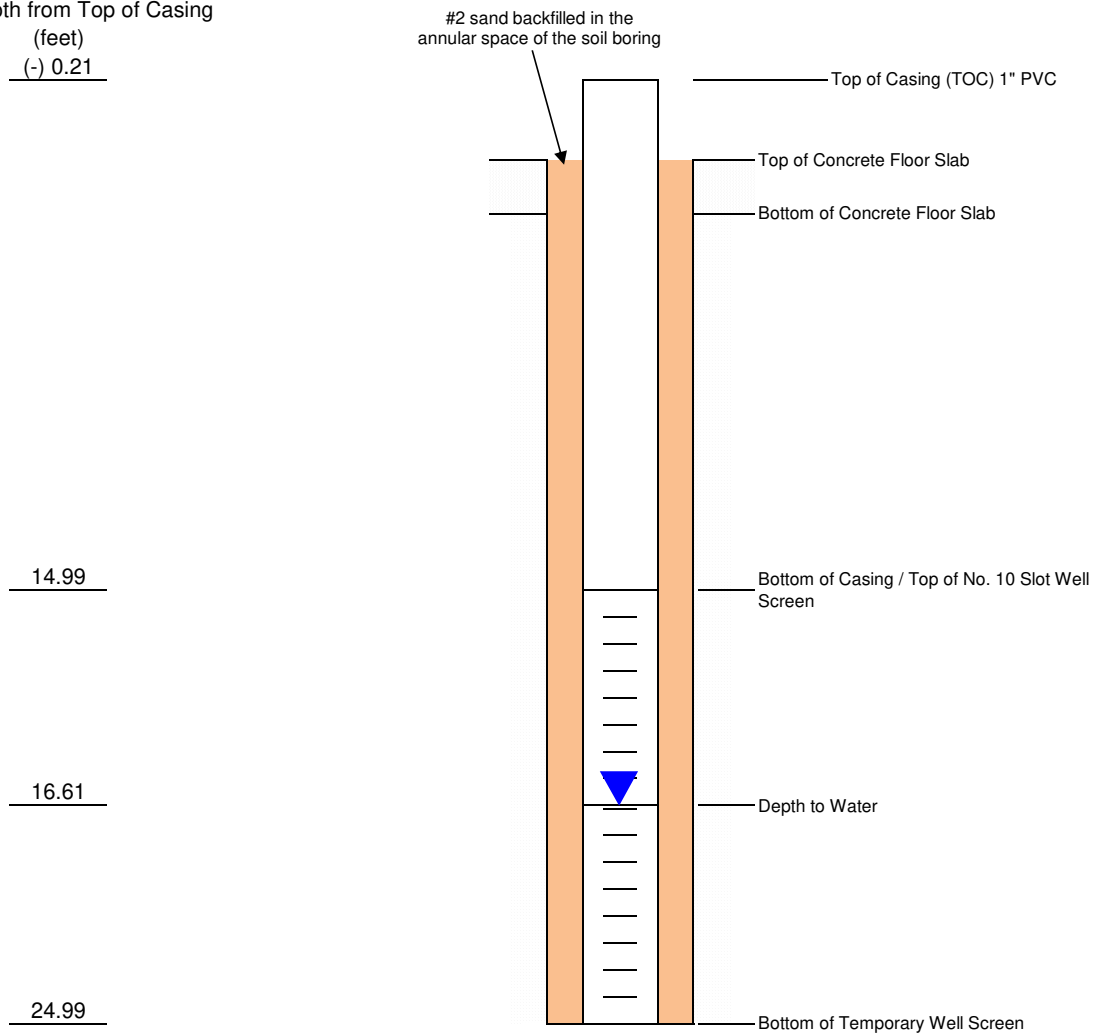
HEIGHT OF STICK-UP: (-) 0.21 feet

GAUGING DATE: 08/26/2024

DEPTH TO WATER: 16.61 feet

DEPTH TO PRODUCT: N/A

Depth from Top of Casing
(feet)
(-) 0.21



NOT TO SCALE



ATHENICA ENVIRONMENTAL
SERVICES, INC.
Environmental Consultants

JOB NAME: 500 Third Avenue

WELL NUMBER: **TW-4**

ADDRESS: 500 Third Avenue, Brooklyn, NY

DRILLING METHOD: Direct Push

INSTALLATION DATE: 08/26/2024

DRILLER: Pine Environmental Services

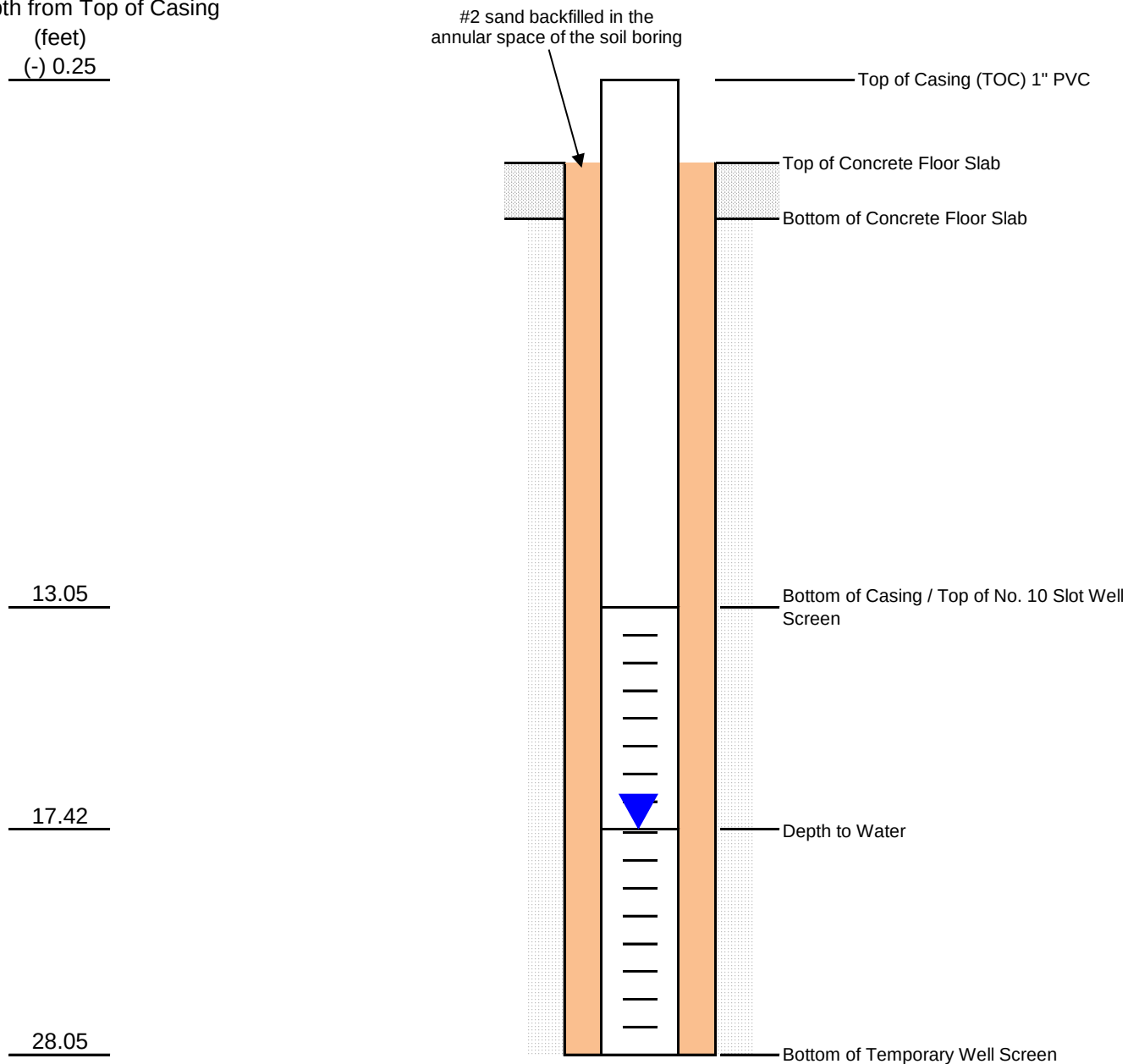
HEIGHT OF STICK-UP: (-) 0.21 feet

GAUGING DATE: 08/26/2024

DEPTH TO WATER: 17.42 feet

DEPTH TO PRODUCT: N/A

Depth from Top of Casing
(feet)
(-) 0.25



NOT TO SCALE

APPENDIX C

SOIL VAPOR SAMPLING LOG



**ATHENICA ENVIRONMENTAL
SERVICES, INC.**
Environmental Engineering Consultants

45-09 Greenpoint Avenue
Long Island City, NY 11104
p: 718-784-7490 f: 718-784-4085
e: info@athenica.com

Site Address: 500 Third Avenue, Brooklyn, New York

Job Number: 24-133-0666

Field Representative: Michael Oliver

Weather: 80 °F, Bright Sun

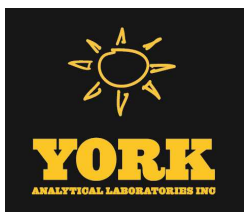
Start Date: 08/27/2024

End Date: 08/27/2024

Sample Identification			Flow Controller Readout (L/min)	Sampling Time		Cannister Pressure (Hg)	
Athenica Sample ID	Laboratory Cannister #	Controller #		Start	End	Start	End
SV-2	49574	7417	< 0.2	10:00	12:12	-30	-4

APPENDIX D

LABORATORY ANALYSES



Technical Report

prepared for:

Athenica Environmental Services, Inc.

31-33 31st Street 2nd Floor,

Astoria NY, 11106

Attention: Ken Wenz

Report Date: 09/03/2024

Client Project ID: 500 Third Ave Brooklyn, New York

York Project (SDG) No.: 24H1851

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: 09/03/2024
Client Project ID: 500 Third Ave Brooklyn, New York
York Project (SDG) No.: 24H1851

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 27, 2024 and listed below. The project was identified as your project: **500 Third Ave Brooklyn, New York.**

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>
24H1851-01	SB-6 (0'-2')	Soil	08/26/2024	08/27/2024
24H1851-02	SB-6 (11'-13')	Soil	08/26/2024	08/27/2024

General Notes for York Project (SDG) No.: 24H1851

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.

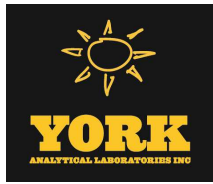
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/03/2024





Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

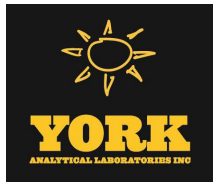
Volatile Organics, 8260 - Comprehensive

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	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								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	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

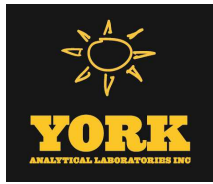
Volatile Organics, 8260 - Comprehensive

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	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 02:56	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
67-64-1	Acetone	0.0073	J	mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 02:56	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 02:56	ME



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

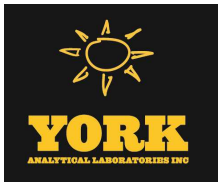
Volatile Organics, 8260 - Comprehensive

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	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	08/29/2024 12:30	08/30/2024 02:56	ME
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-6 (0'-2')		York Sample ID: 24H1851-01			
York Project (SDG) No. 24H1851	Client Project ID 500 Third Ave Brooklyn, New York	Matrix Soil	Collection Date/Time August 26, 2024 9:30 am	Date Received 08/27/2024	

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	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/29/2024 12:30	08/30/2024 02:56	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	08/29/2024 12:30	08/30/2024 02:56	ME
79-01-6	Trichloroethylene	0.029		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 02:56	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130								

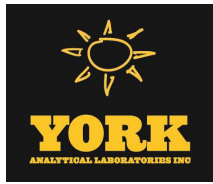
Semi-Volatiles, 8270 - Comprehensive

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	0.378		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

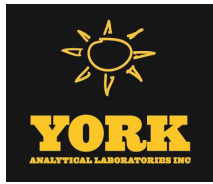
Semi-Volatiles, 8270 - Comprehensive

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	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
91-57-6	2-Methylnaphthalene	1.08		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

Client Project ID

Matrix

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24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

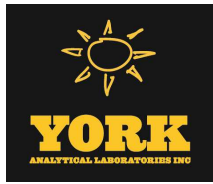
Semi-Volatiles, 8270 - Comprehensive

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	0.0610	J	mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/30/2024 14:08	08/31/2024 07:11	LL
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
83-32-9	Acenaphthene	2.59		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/30/2024 14:08	08/31/2024 07:11	LL
208-96-8	Acenaphthylene	1.73		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/30/2024 14:08	08/31/2024 07:11	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
120-12-7	Anthracene	7.19		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/30/2024 14:08	08/31/2024 15:19	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:11	LL
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:11	LL
56-55-3	Benzo(a)anthracene	20.3		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/30/2024 14:08	08/31/2024 15:19	LL



Sample Information

Client Sample ID: SB-6 (0'-2')

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York Project (SDG) No.

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500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

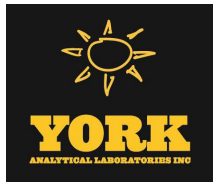
Semi-Volatiles, 8270 - Comprehensive

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	19.9		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 15:19	LL
205-99-2	Benzo(b)fluoranthene	24.7		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 15:19	LL
191-24-2	Benzo(g,h,i)perylene	13.5		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 15:19	LL
207-08-9	Benzo(k)fluoranthene	8.06		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 15:19	LL
65-85-0	Benzoic acid	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/31/2024 07:11	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/31/2024 07:11	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0908	0.181	2	EPA 8270E Certifications:	08/30/2024 14:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/31/2024 07:11	LL
86-74-8	Carbazole	3.88	J	mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 15:19	LL
218-01-9	Chrysene	20.9		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 15:19	LL
53-70-3	Dibenzo(a,h)anthracene	2.60	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 07:11	LL
132-64-9	Dibenzofuran	2.47		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/31/2024 07:11	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:11	LL



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

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500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

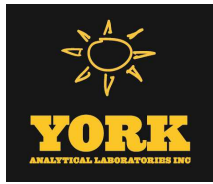
Semi-Volatiles, 8270 - Comprehensive

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	0.0908	0.181	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
206-44-0	Fluoranthene	63.6		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 15:19	LL
86-73-7	Fluorene	2.62		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
193-39-5	Indeno(1,2,3-cd)pyrene	15.1	CCVE	mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 15:19	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
91-20-3	Naphthalene	1.64		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
85-01-8	Phenanthrene	55.9		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 15:19	LL
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:11	LL
129-00-0	Pyrene	46.6		mg/kg dry	2.28	4.54	100	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 15:19	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	51.1 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	47.5 %	23-114								



Sample Information

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500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

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
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	49.3 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	68.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	48.8 %			24-116						

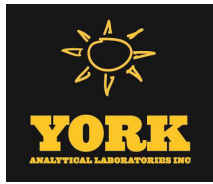
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ



Sample Information

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Pesticides, 8081 target list

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:32	RJ
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	59.1 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	63.7 %					30-150			

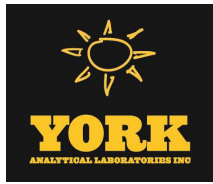
Polychlorinated Biphenyls (PCB)

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	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:18	NF



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 24H1851-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:30 am

08/27/2024

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	08/30/2024 08:15	08/30/2024 20:18	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	39.5 %		30-140						

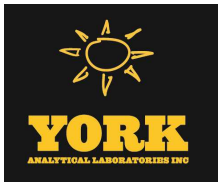
Metals, Target Analyte

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	10300		mg/kg dry	4.61	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-38-2	Arsenic	10.7		mg/kg dry	1.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-39-3	Barium	253		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-43-9	Cadmium	0.451		mg/kg dry	0.277	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-70-2	Calcium	7320		mg/kg dry	4.61	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-47-3	Chromium	20.4		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-48-4	Cobalt	7.37		mg/kg dry	0.369	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-50-8	Copper	60.1		mg/kg dry	1.85	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7439-89-6	Iron	20100		mg/kg dry	23.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7439-92-1	Lead	1960		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7439-95-4	Magnesium	2800		mg/kg dry	4.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7439-96-5	Manganese	346		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR
7440-02-0	Nickel	16.4		mg/kg dry	0.919	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:46	AGNR



Sample Information

<u>Client Sample ID:</u> SB-6 (0'-2')			<u>York Sample ID:</u> 24H1851-01	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24H1851	500 Third Ave Brooklyn, New York	Soil	August 26, 2024 9:30 am	08/27/2024

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	1350	B	mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	2.77		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	149		mg/kg dry	46.1	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	24.7		mg/kg dry	0.919	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	274		mg/kg dry	2.30	1	EPA 6010D	08/29/2024 12:15	09/03/2024 11:46	AGNR
							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	3.09		mg/kg dry	0.0332	1	EPA 7473	08/28/2024 11:41	08/30/2024 14:10	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids Log-in Notes: Sample Notes:

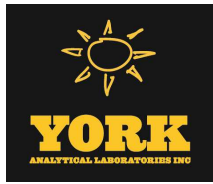
Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	1	SM 2540G	08/29/2024 17:24	08/29/2024 21:55	MJD
							Certifications:	CTDOH-PH-0723		

Sample Information

<u>Client Sample ID:</u> SB-6 (11'-13')			<u>York Sample ID:</u> 24H1851-02	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24H1851	500 Third Ave Brooklyn, New York	Soil	August 26, 2024 9:35 am	08/27/2024

Volatile Organics, 8260 - Comprehensive Log-in Notes: Sample Notes:



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

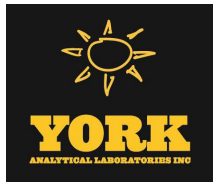
Soil

August 26, 2024 9:35 am

08/27/2024

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	CCVE	mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	08/30/2024 03:22	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

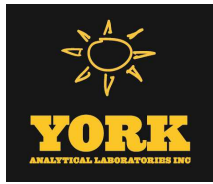
Volatile Organics, 8260 - Comprehensive

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	0.037	0.074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/29/2024 12:30	08/30/2024 03:22	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
67-64-1	Acetone	0.0075	ICVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/29/2024 12:30	08/30/2024 03:22	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

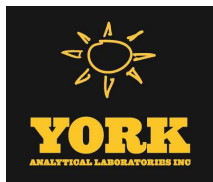
Volatile Organics, 8260 - Comprehensive

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	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 03:22	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications:	08/29/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 03:22	ME



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

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24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

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
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/29/2024 12:30	08/30/2024 03:22	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	08/29/2024 12:30	08/30/2024 03:22	ME
79-01-6	Trichloroethylene	0.0019	J	mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 12:30	08/30/2024 03:22	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.0 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	110 %	76-130								

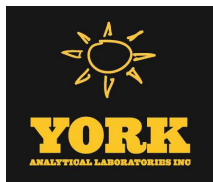
Semi-Volatiles, 8270 - Comprehensive

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	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

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24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL



Sample Information

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York Sample ID: 24H1851-02

York Project (SDG) No.

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Matrix

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24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

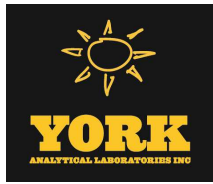
Semi-Volatiles, 8270 - Comprehensive

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
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

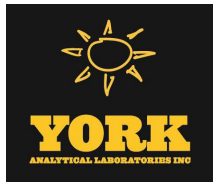
Semi-Volatiles, 8270 - Comprehensive

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
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/30/2024 14:08	08/31/2024 07:42	LL
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 14:08	08/31/2024 07:42	LL



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

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24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

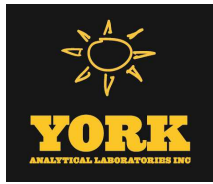
Semi-Volatiles, 8270 - Comprehensive

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	0.0888	0.177	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	08/30/2024 14:08	08/31/2024 07:42	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.2 %	20-108								



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

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
13127-88-3	Surrogate: SURR: Phenol-d6	48.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.0 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	53.9 %			24-116						

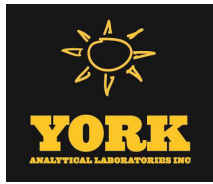
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ



Sample Information

Client Sample ID: SB-6 (11'-13')			York Sample ID: 24H1851-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24H1851	500 Third Ave Brooklyn, New York	Soil	August 26, 2024 9:35 am	08/27/2024	

Pesticides, 8081 target list

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 19:49	RJ
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	60.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	72.7 %	30-150							

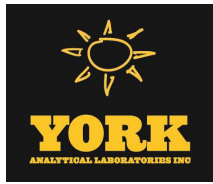
Polychlorinated Biphenyls (PCB)

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	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	08/30/2024 08:15	08/30/2024 20:31	NF



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

Client Project ID

Matrix

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24H1851

500 Third Ave Brooklyn, New York

Soil

August 26, 2024 9:35 am

08/27/2024

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	08/30/2024 08:15	08/30/2024 20:31	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	44.0 %		30-140						

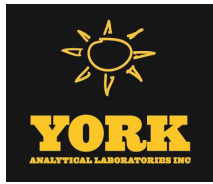
Metals, Target Analyte

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	6100		mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-38-2	Arsenic	4.04		mg/kg dry	1.35	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-39-3	Barium	45.8		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-70-2	Calcium	1610		mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-47-3	Chromium	13.8		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-48-4	Cobalt	6.10		mg/kg dry	0.360	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-50-8	Copper	13.2		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7439-89-6	Iron	11000		mg/kg dry	22.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7439-92-1	Lead	7.42		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7439-95-4	Magnesium	3070		mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7439-96-5	Manganese	342		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-02-0	Nickel	26.6		mg/kg dry	0.898	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR



Sample Information

Client Sample ID: SB-6 (11'-13')

York Sample ID: 24H1851-02

York Project (SDG) No.

24H1851

Client Project ID

500 Third Ave Brooklyn, New York

Matrix

Soil

Collection Date/Time

August 26, 2024 9:35 am

Date Received

08/27/2024

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	1370	B	mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-23-5	Sodium	151		mg/kg dry	45.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-62-2	Vanadium	20.2		mg/kg dry	0.898	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR
7440-66-6	Zinc	31.9		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 12:15	09/03/2024 11:49	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	08/28/2024 11:41	08/30/2024 14:10	DRS

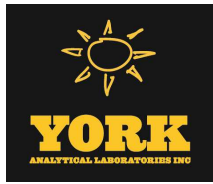
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/29/2024 17:24	08/29/2024 21:55	MJD



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1851-01	SB-6 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
24H1851-02	SB-6 (11'-13')	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

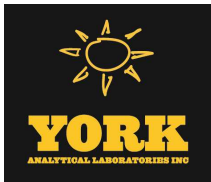
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) 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.



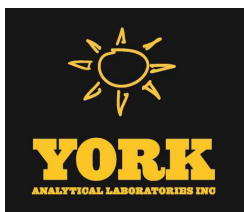
York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

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

244 2881

Page 1 of 1

Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N	
		Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N	
Samples iced/chilled at time of lab pickup? circle Yes or No			
1. Samples Relinquished by / Company M. Oliver / Athenica	Date/Time 8/27/24 14:09	1. Samples Received by / Company Gilbert	Date/Time 8/27/24 14:09
2. Samples Received by / Company K2	Date/Time 8/27/24 15:15 3.4	3. Samples Relinquished by / Company K2	Date/Time 8/27/24 18:00
4. Samples Relinquished by / Company Ramon Duran	Date/Time 8/27/24	4. Samples Received by / Company Ramon Duran	Date/Time 8/27/24 18:00
		Samples Received in LAB by Maverick	
		Date/Time 8/27/24 20:05	
		Temperature 3.3°C	



Technical Report

prepared for:

Athenica Environmental Services, Inc.

31-33 31st Street 2nd Floor,

Astoria NY, 11106

Attention: Ken Wenz

Report Date: 09/04/2024

Client Project ID: 500 Third Ave Brooklyn, New York

York Project (SDG) No.: 24H1839

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: 09/04/2024
Client Project ID: 500 Third Ave Brooklyn, New York
York Project (SDG) No.: 24H1839

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 27, 2024 and listed below. The project was identified as your project: **500 Third Ave Brooklyn, New York.**

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>
24H1839-01	TW-1	Ground Water	08/27/2024	08/27/2024
24H1839-02	TW-2	Ground Water	08/27/2024	08/27/2024
24H1839-03	TW-3	Ground Water	08/27/2024	08/27/2024
24H1839-04	TW-4	Ground Water	08/27/2024	08/27/2024

General Notes for York Project (SDG) No.: 24H1839

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.

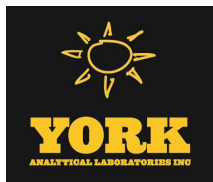
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/04/2024





Sample Information

Client Sample ID: TW-1

York Sample ID: 24H1839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 12:55 pm

08/27/2024

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	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	3600	E	ug/L	10	25	50	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 17:37	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	730		ug/L	10	25	50	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 17:37	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00	08/30/2024 13:49	SCB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H1839-01

York Project (SDG) No.
24H1839

Client Project ID
500 Third Ave Brooklyn, New York

Matrix
Ground Water

Collection Date/Time
August 27, 2024 12:55 pm

Date Received
08/27/2024

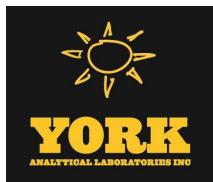
Volatile Organics, 8260 - Comprehensive

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	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
78-93-3	2-Butanone	14		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
67-64-1	Acetone	14	CCVE, ICVE, QL-02	ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
107-02-8	Acrolein	16	ICVE	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB



Sample Information

Client Sample ID: TW-1

York Sample ID: 24H1839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 12:55 pm

08/27/2024

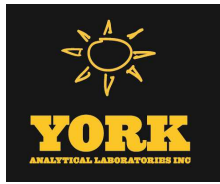
Volatile Organics, 8260 - Comprehensive

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	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
110-82-7	Cyclohexane	70		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
100-41-4	Ethyl Benzene	72		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
98-82-8	Isopropylbenzene	230		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 17:37	SCB
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
108-87-2	Methylcyclohexane	87		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
104-51-8	n-Butylbenzene	180		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 17:37	SCB
103-65-1	n-Propylbenzene	750		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 17:37	SCB
95-47-6	o-Xylene	2.6		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/30/2024 08:00	08/30/2024 13:49	SCB
179601-23-1	p- & m- Xylenes	100		ug/L	2.5	5.0	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/30/2024 08:00	08/30/2024 13:49	SCB
99-87-6	p-Isopropyltoluene	20		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
135-98-8	sec-Butylbenzene	71		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB



Sample Information

<u>Client Sample ID:</u> TW-1			<u>York Sample ID:</u> 24H1839-01	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24H1839	500 Third Ave Brooklyn, New York	Ground Water	August 27, 2024 12:55 pm	08/27/2024

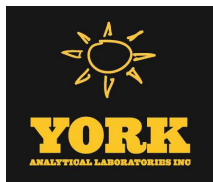
Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 13:49	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
108-88-3	Toluene	3.0		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
1330-20-7	Xylenes, Total	100		ug/L	3.0	7.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 13:49	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	91.2 %	69-130								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	88.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.0 %	81-117								
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.9 %	79-122								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H1839-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:40 pm

08/27/2024

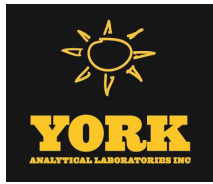
Volatile Organics, 8260 - Comprehensive

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:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
95-63-6	1,2,4-Trimethylbenzene	2.4		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
108-67-8	1,3,5-Trimethylbenzene	0.56		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H1839-02

York Project (SDG) No.

24H1839

Client Project ID

500 Third Ave Brooklyn, New York

Matrix

Ground Water

Collection Date/Time

August 27, 2024 1:40 pm

Date Received

08/27/2024

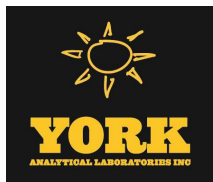
Volatile Organics, 8260 - Comprehensive

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
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:18	SCB
78-93-3	2-Butanone	0.32	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
67-64-1	Acetone	1.8	CCVE, J	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
107-02-8	Acrolein	ND	ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:18	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB



Sample Information

Client Sample ID: TW-2

York Sample ID: 24H1839-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:40 pm

08/27/2024

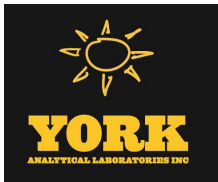
Volatile Organics, 8260 - Comprehensive

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
100-41-4	Ethyl Benzene	1.0		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	0.28	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:18	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
104-51-8	n-Butylbenzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
103-65-1	n-Propylbenzene	0.48	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
95-47-6	o-Xylene	1.3		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/30/2024 14:18	SCB
179601-23-1	p- & m- Xylenes	3.4		ug/L	0.50	1.0	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/30/2024 14:18	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:18	SCB



Sample Information

<u>Client Sample ID:</u> TW-2			<u>York Sample ID:</u> 24H1839-02	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24H1839	500 Third Ave Brooklyn, New York	Ground Water	August 27, 2024 1:40 pm	08/27/2024

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
108-88-3	Toluene	1.1		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
79-01-6	Trichloroethylene	3.7		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
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	08/30/2024 08:00	08/30/2024 14:18	SCB
1330-20-7	Xylenes, Total	4.7		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:18	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								

Sample Information

<u>Client Sample ID:</u> TW-3		<u>York Sample ID:</u> 24H1839-03		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24H1839	500 Third Ave Brooklyn, New York	Ground Water	August 27, 2024 2:00 pm	08/27/2024

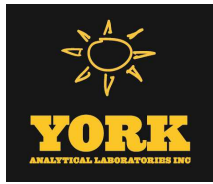
Volatile Organics, 8260 - Comprehensive

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
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H1839-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 2:00 pm

08/27/2024

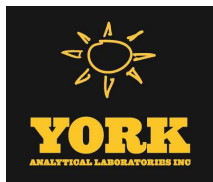
Volatile Organics, 8260 - Comprehensive

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:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:47	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:47	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 14:47	SCB
95-63-6	1,2,4-Trimethylbenzene	0.41	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 14:47	SCB



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H1839-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 2:00 pm

08/27/2024

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
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
78-93-3	2-Butanone	0.56		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
67-64-1	Acetone	2.4	CCVE, ICVE, QL-02	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
107-02-8	Acrolein	3.7	ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H1839-03

York Project (SDG) No.
24H1839

Client Project ID
500 Third Ave Brooklyn, New York

Matrix
Ground Water

Collection Date/Time
August 27, 2024 2:00 pm

Date Received
08/27/2024

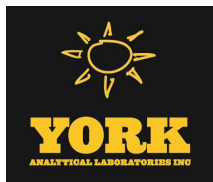
Volatile Organics, 8260 - Comprehensive

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
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	08/30/2024 08:00	08/30/2024 14:47	SCB
110-82-7	Cyclohexane	1.2		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	0.51		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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-	08/30/2024 08:00	08/30/2024 14:47	SCB
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-	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB



Sample Information

Client Sample ID: TW-3

York Sample ID: 24H1839-03

York Project (SDG) No.
24H1839

Client Project ID
500 Third Ave Brooklyn, New York

Matrix
Ground Water

Collection Date/Time
August 27, 2024 2:00 pm

Date Received
08/27/2024

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
79-01-6	Trichloroethylene	0.26	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
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	08/30/2024 08:00	08/30/2024 14:47	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.9 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								

Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.
24H1839

Client Project ID
500 Third Ave Brooklyn, New York

Matrix
Ground Water

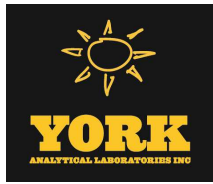
Collection Date/Time
August 27, 2024 1:25 pm

Date Received
08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

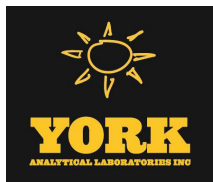
Ground Water

August 27, 2024 1:25 pm

08/27/2024

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	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 15:15	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 15:15	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 15:15	SCB
95-63-6	1,2,4-Trimethylbenzene	1100		ug/L	10	25	50	EPA 8260D Certifications:	09/03/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 18:05	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
108-67-8	1,3,5-Trimethylbenzene	300		ug/L	10	25	50	EPA 8260D Certifications:	09/03/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 18:05	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/30/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 15:15	SCB
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D Certifications:	08/30/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 15:15	SCB



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

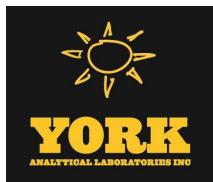
Volatile Organics, 8260 - Comprehensive

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
78-93-3	2-Butanone	21		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
108-10-1	4-Methyl-2-pentanone	7.2		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
67-64-1	Acetone	33	CCVE, ICVE, QL-02	ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
107-02-8	Acrolein	ND	ICVE	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
71-43-2	Benzene	60		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

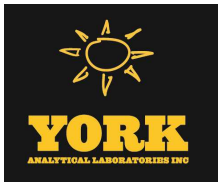
Volatile Organics, 8260 - Comprehensive

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
110-82-7	Cyclohexane	98		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
100-41-4	Ethyl Benzene	670		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 18:05	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
98-82-8	Isopropylbenzene	110		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	2.0	J	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
108-87-2	Methylcyclohexane	65		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
104-51-8	n-Butylbenzene	31		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
103-65-1	n-Propylbenzene	180		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 18:05	SCB
95-47-6	o-Xylene	1100		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	09/03/2024 08:00	09/03/2024 18:05	SCB
179601-23-1	p- & m- Xylenes	2300		ug/L	25	50	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	09/03/2024 08:00	09/03/2024 18:05	SCB
99-87-6	p-Isopropyltoluene	5.7		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
135-98-8	sec-Butylbenzene	20		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
100-42-5	Styrene	40		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/30/2024 08:00	08/30/2024 15:15	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB



Sample Information

<u>Client Sample ID:</u>	TW-4				<u>York Sample ID:</u>	24H1839-04			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>		<u>Matrix</u>		<u>Collection Date/Time</u>		<u>Date Received</u>		
24H1839	500 Third Ave Brooklyn, New York		Ground Water		August 27, 2024 1:25 pm		08/27/2024		

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
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
108-88-3	Toluene	470		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 18:05	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
79-01-6	Trichloroethylene	6.8		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/30/2024 08:00	08/30/2024 15:15	SCB
1330-20-7	Xylenes, Total	3400		ug/L	30	75	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/03/2024 08:00	09/03/2024 18:05	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	92.6 %	69-130								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	92.0 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.1 %	81-117								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.1 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	79-122								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.8 %	79-122								

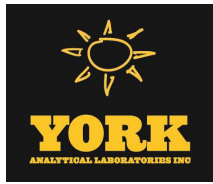
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/01/2024 08:51	09/03/2024 10:10	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/01/2024 08:51	09/03/2024 10:10	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/01/2024 08:51	09/03/2024 10:10	SS



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

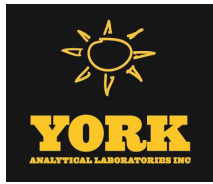
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
91-57-6	2-Methylnaphthalene	31.9		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

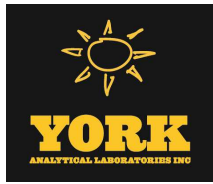
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 10:10	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 10:10	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	09/03/2024 10:10	SS
86-74-8	Carbazole	4.10	J	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	09/03/2024 10:10	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/03/2024 10:10	SS



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 10:10	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 10:10	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 10:10	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/01/2024 08:51	09/03/2024 10:10	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 10:10	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	30.0 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	20.1 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	63.0 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.8 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.0 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.8 %	30.7-106								

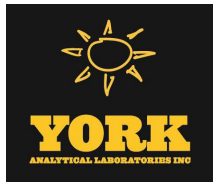
SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
208-96-8	Acenaphthylene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
120-12-7	Anthracene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
1912-24-9	Atrazine	ND		ug/L	50.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS



Sample Information

Client Sample ID: TW-4		York Sample ID: 24H1839-04			
York Project (SDG) No. 24H1839	Client Project ID 500 Third Ave Brooklyn, New York	Matrix Ground Water	Collection Date/Time August 27, 2024 1:25 pm	Date Received 08/27/2024	

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	QL-02	ug/L	50.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
218-01-9	Chrysene	ND	QL-02	ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
206-44-0	Fluoranthene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
86-73-7	Fluorene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
118-74-1	Hexachlorobenzene	ND	ICVE, QL-02	ug/L	2.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	50.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
67-72-1	Hexachloroethane	ND	QL-02	ug/L	50.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
91-20-3	Naphthalene	67.0		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
98-95-3	Nitrobenzene	ND	CCVE, ICVE, QL-02	ug/L	25.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	50.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
87-86-5	Pentachlorophenol	ND	CAL-E, ICVE	ug/L	25.0	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/01/2024 08:51	09/03/2024 14:20	SS
85-01-8	Phenanthrene	ND		ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS
129-00-0	Pyrene	ND	QL-02	ug/L	5.00	100	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	09/01/2024 08:51	09/03/2024 14:20	SS

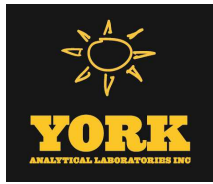
Pesticides, 8081 target list

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
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Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

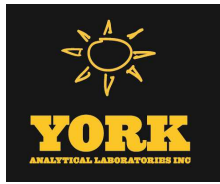
Pesticides, 8081 target list

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
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	RJ
5103-71-9	alpha-Chlordane	0.00692	P	ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	RJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	RJ



Sample Information

Client Sample ID: TW-4		York Sample ID: 24H1839-04			
York Project (SDG) No. 24H1839	Client Project ID 500 Third Ave Brooklyn, New York	Matrix Ground Water	Collection Date/Time August 27, 2024 1:25 pm	Date Received 08/27/2024	

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
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	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	08/31/2024 07:56	08/31/2024 15:22	RJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/31/2024 07:56	08/31/2024 15:22	RJ
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	148 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	107 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

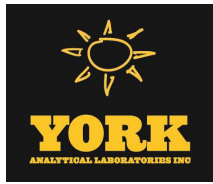
Sample Prepared by Method: EPA SW846-3510C Low Level

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	08/31/2024 07:56	08/31/2024 15:11	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	08/31/2024 07:56	08/31/2024 15:11	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	08/31/2024 07:56	08/31/2024 15:11	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	08/31/2024 07:56	08/31/2024 15:11	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	08/31/2024 07:56	08/31/2024 15:11	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	08/31/2024 07:56	08/31/2024 15:11	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	08/31/2024 07:56	08/31/2024 15:11	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	08/31/2024 07:56	08/31/2024 15:11	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	27.0 %	S-08, S-GC	30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

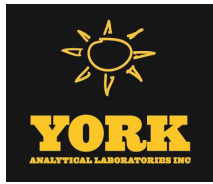
Ground Water

August 27, 2024 1:25 pm

08/27/2024

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14.3		mg/L	0.056	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-38-2	Arsenic	0.020	M-CCV 1	mg/L	0.017	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-39-3	Barium	1.04		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-41-7	Beryllium	0.008		mg/L	0.0006	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-43-9	Cadmium	0.005	M-CCV 1	mg/L	0.003	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-70-2	Calcium	263		mg/L	0.056	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-47-3	Chromium	0.076		mg/L	0.006	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-48-4	Cobalt	0.147		mg/L	0.004	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-50-8	Copper	0.415		mg/L	0.022	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7439-89-6	Iron	45.0		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7439-92-1	Lead	1.95		mg/L	0.006	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7439-95-4	Magnesium	71.9		mg/L	0.056	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7439-96-5	Manganese	21.1		mg/L	0.006	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-02-0	Nickel	0.245		mg/L	0.011	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-09-7	Potassium	13.9	M-CCV 1, B	mg/L	0.056	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-23-5	Sodium	85.8		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL
7440-62-2	Vanadium	0.108		mg/L	0.011	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL



Sample Information

Client Sample ID: TW-4		York Sample ID: 24H1839-04			
York Project (SDG) No. 24H1839	Client Project ID 500 Third Ave Brooklyn, New York	Matrix Ground Water	Collection Date/Time August 27, 2024 1:25 pm	Date Received 08/27/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.05		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:46	08/30/2024 15:52	AJL

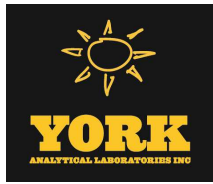
Metals, Target Analyte, ICP Dissolved

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	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-39-3	Barium	0.123		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-70-2	Calcium	108	M-BS	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7439-95-4	Magnesium	41.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7439-96-5	Manganese	3.29		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-02-0	Nickel	0.0128		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-09-7	Potassium	7.59	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-23-5	Sodium	70.0	M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:54	08/30/2024 11:15	AJL



Sample Information

Client Sample ID: TW-4

York Sample ID: 24H1839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1839

500 Third Ave Brooklyn, New York

Ground Water

August 27, 2024 1:25 pm

08/27/2024

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
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:56	08/29/2024 17:16	cw
7440-38-2	Arsenic	2.76		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:56	08/29/2024 17:16	cw
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:56	08/29/2024 17:16	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	08/29/2024 08:56	08/29/2024 17:16	cw
7782-49-2	Selenium	5.16	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:56	08/29/2024 17:16	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/29/2024 08:56	08/29/2024 17:16	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	0.0065		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/28/2024 08:40	08/28/2024 08:40	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	08/30/2024 08:48	08/30/2024 08:48	PFA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1839-01	TW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1839-02	TW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1839-03	TW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1839-04	TW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
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).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

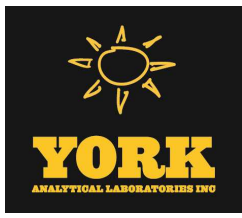
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.



Technical Report

prepared for:

Athenica Environmental Services, Inc.

31-33 31st Street 2nd Floor,

Astoria NY, 11106

Attention: Ken Wenz

Report Date: 08/30/2024

Client Project ID: 500 Third Ave Brooklyn, NY 24-133-0666

York Project (SDG) No.: 24H1871

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: 08/30/2024
Client Project ID: 500 Third Ave Brooklyn, NY 24-133-0666
York Project (SDG) No.: 24H1871

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 27, 2024 and listed below. The project was identified as your project: **500 Third Ave Brooklyn, NY 24-133-0666**.

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.

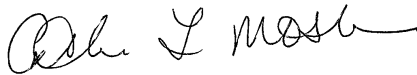
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24H1871-01	SV-2	Soil Vapor	08/27/2024	08/27/2024

General Notes for York Project (SDG) No.: 24H1871

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.

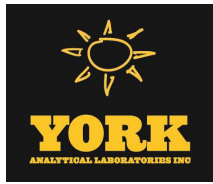
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 08/30/2024





Sample Information

Client Sample ID: SV-2

York Sample ID: 24H1871-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1871

500 Third Ave Brooklyn, NY 24-133-0666

Soil Vapor

August 27, 2024 12:12 pm

08/27/2024

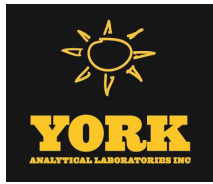
Volatile Organics, EPA TO15 Full List

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	10	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
95-63-6	1,2,4-Trimethylbenzene	61		ug/m ³	7.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.2	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.1	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
108-67-8	1,3,5-Trimethylbenzene	23		ug/m ³	7.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
106-99-0	1,3-Butadiene	43		ug/m ³	10	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.2	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.1	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H1871-01

York Project (SDG) No.

24H1871

Client Project ID

500 Third Ave Brooklyn, NY 24-133-0666

Matrix

Soil Vapor

Collection Date/Time

August 27, 2024 12:12 pm

Date Received

08/27/2024

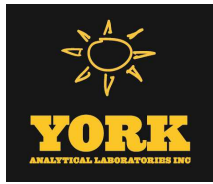
Volatile Organics, EPA TO15 Full List

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	9.2	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
540-84-1	* 2,2,4-Trimethylpentane	3.6		ug/m ³	3.6	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR
78-93-3	2-Butanone	41		ug/m ³	4.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
108-10-1	4-Methyl-2-pentanone	11		ug/m ³	6.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
67-64-1	Acetone	200		ug/m ³	7.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
107-13-1	Acrylonitrile	7.0		ug/m ³	3.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
71-43-2	Benzene	30		ug/m ³	4.9	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.9	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-25-2	Bromoform	ND		ug/m ³	16	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
74-83-9	Bromomethane	ND		ug/m ³	5.9	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-15-0	Carbon disulfide	26		ug/m ³	4.8	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.0	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
67-66-3	Chloroform	19		ug/m ³	7.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H1871-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H1871

500 Third Ave Brooklyn, NY 24-133-0666

Soil Vapor

August 27, 2024 12:12 pm

08/27/2024

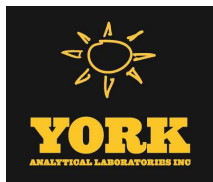
Volatile Organics, EPA TO15 Full List

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	1.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.6	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR
100-41-4	Ethyl Benzene	32		ug/m ³	6.6	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
67-63-0	Isopropanol	17		ug/m ³	7.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
91-20-3	* Naphthalene	ND		ug/m ³	16	15.27	EPA TO-15 Certifications: NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
142-82-5	n-Heptane	27		ug/m ³	6.3	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
110-54-3	n-Hexane	36		ug/m ³	5.4	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
95-47-6	o-Xylene	48		ug/m ³	6.6	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
179601-23-1	p- & m- Xylenes	130		ug/m ³	13	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
622-96-8	* p-Ethyltoluene	52		ug/m ³	7.5	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR
115-07-1	* Propylene	420		ug/m ³	2.6	15.27	EPA TO-15 Certifications:	08/29/2024 12:00	08/29/2024 23:30	YR
100-42-5	Styrene	ND		ug/m ³	6.5	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR



Sample Information

Client Sample ID: SV-2

York Sample ID: 24H1871-01

York Project (SDG) No.

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24H1871

500 Third Ave Brooklyn, NY 24-133-0666

Soil Vapor

August 27, 2024 12:12 pm

08/27/2024

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	94		ug/m ³	10	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.0	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
108-88-3	Toluene	91		ug/m ³	5.8	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.1	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
79-01-6	Trichloroethylene	4900	E	ug/m ³	2.1	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.6	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
593-60-2	Vinyl bromide	ND		ug/m ³	6.7	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/29/2024 12:00	08/29/2024 23:30	YR





Sample and Data Qualifiers Relating to This Work Order

ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

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.

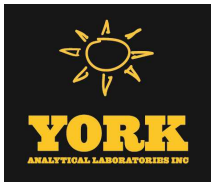
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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, Inc.
120 Research Drive 132-02 89th Ave Queens,
Stratford, CT 06615 NY 11418

clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No.

24H1871

Your

Page 1 of 1

Page 10 of 10

YOUR Information		Report To:	Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Athenica Environmental	Company:	Company:	500 Third Ave Brooklyn, NY		YOUR Project Name		RUSH - Next Day	
Address: 31-33 31st St, 2 Fl Astoria, NY	Address:	Address:	SAME		24-133-0666		RUSH - Two Day	
Phone: (718) 784-7490	Phone:	Phone:	SAME				RUSH - Three Day	
Contact: Ken Wenz	Contact:	Contact:	Al Smith				RUSH - Four Day	
E-mail: labresults@athenica.com	E-mail:	E-mail:	asmith@athenica.com		YOUR PO#:		Standard (5-7 Day) ☒	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.	
Michael Oliver		AI - Indoor Ambient Air	New York	☒ Summary Report			Compared to the following Regulation(s): (please fill in)	
Samples Collected by: (print your name above and sign below)		AO - Outdoor Amb. Air	New Jersey	QA Report				
M Oliver		AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package				
		AS - Soil Vapor/Sub-Slab	Pennsylvania	NY ASP B Package				
			Other	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-2	8/27/24 1212	AS	-30	-4	49574	7417	TD-15 + NYSDEC Matrix D, E, F compounds	
Comments:					Detection Limits Required		Sampling Media	
					≤ 1 ug/m ³ ____ NYSDEC V1 Limits ____		6 Liter Canister	
					Routine Survey ____ Other ____		Tedlar Bag	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time			
M Oliver / Athenica	8/27/24 14:07	Al Smith	8/27/24 14:00	Al Smith	8/27/24 15:15			
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time			
Ramon Murcer	8/28/24 3:4	Ramon Murcer	8/28/24 12:00	Ramon Murcer	8/28/24 12:00			
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time			
Ramon Murcer	8/28/24			Ramon Murcer	8/28/24 8:00			