

July 15, 2024

Michael Abramov
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Re: 1301-1321 Webster Avenue, Bronx, New York 11206
Limited Phase II Environmental Site Assessment Report

Mr. Abramov:

Vektor Consultants, LLC (Vektor) is pleased to provide the enclosed Limited Phase II Environmental Site Assessment Report for the property located at 1301-1321 Webster Avenue, Bronx, New York. The following report describes the background, field investigation, methodologies, and findings of our recent Limited Phase II Environmental Site Assessment conducted at the above-referenced property. This assessment was performed in general conformance with the standard industry practices and applicable guidance documents.

Thank you for the opportunity. Please contact us with any questions or comments.

Regards,



Antonio Cardenas
Assistant Project Manager



Ezgi Karayel
Principal

**DRAFT PHASE II ENVIRONMENTAL
SITE ASSESSMENT REPORT**

Project Address:

1301-1321 Webster Avenue
Bronx, New York 11206

Report Date:

7/15/2024

Project No:

24-0008

Prepared For:

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1.0 INTRODUCTION

Vektor Consultants, LLC (Vektor) prepared this Phase II Environmental Site Assessment Report summarizing the results of our recent investigation performed at 1301-1321 Webster Avenue in Bronx, New York (“the Site”). This assessment was conducted in general accordance with Vektor’s authorized proposal, P24-0049, dated July 1, 2024, the New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, with updates.

1.1 Purpose

The purpose of our Limited Phase II Environmental Site Assessment was to evaluate the extent of chlorinated solvents in the soil vapor and soil beneath the Site due to the presence of former drycleaning operations. Our evaluation of the subsurface conditions was conducted in general accordance with standard industry practices and the aforementioned guidance document.

1.2 User Reliance

Vektor was retained by First Class Management & Development, LLC (the “User”) to perform this assessment. This Phase II Environmental Assessment and the information therein are for the exclusive use of the User. Use of this report in whole or in part by users other than the User is prohibited. This report has no other purpose and may not be relied upon or used by any other person or entity without the written consent of Vektor. Any unauthorized user shall indemnify, hold harmless, and defend, to the maximum extent permitted by law, Vektor Consultants LLC, the User, their members thereof, and their officers, employees, and representatives from any and all liability, loss, suits, claims, damages, costs, judgments and expenses (including reasonable attorney’s fees and costs of litigation) which in whole or in part result from, are claimed to result from such use. The information included in this report only serves as the date of this report.

2.0 SITE BACKGROUND

2.1 Site Description

The Site, addressed as 1301-1321 Webster Avenue, is located on the west side of Webster Avenue between East 169th Street to the northwest and East 170th Street to the southwest within Bronx County, New York. The Site consists of one tax lot that is approximately 19,700 square feet. The legal description of the Site is New York City Department of Finance Tax Block 2887, Lot 179. Figure 1 provides the site location map.

The Site consists of an asphalt-paved parking lot with a tire service center in the northern portion. The Site is secured by a perimeter fence with a gate and entrance on Webster Avenue. The surrounding area is predominately utilized by residential and mixed residential and commercial uses.

2.2 Environmental Setting of the Property

According to the United States Geological Survey (USGS) Topographic Quadrangle for "Central Park, New York" dated 2023, the Site is located at approximately 40 feet above mean sea level (MSL).

The subsurface materials beneath the Site are generally described from surface grade to 5 feet below grade surface (bgs) as brown fine-grained sand with varying amounts of dark brown fine- to medium-grained sand, dark brown medium- to coarse-grained sand, brick, fine gravel, and silt. Borings SB-1 through SB-3 all encountered refusal at 1.5 feet bgs.

According to a previous Phase I Environmental Site Assessment, the depth of groundwater in the vicinity of the Site is approximately 35 feet below grade. Groundwater was not encountered during this investigation. Groundwater flow direction may be impacted by several factors, including surface topography, hydrology, hydrogeology, characteristics of soil, and nearby wells. According to topographic map interpretation, the inferred groundwater flow direction in the vicinity of the Site is easterly direction towards the Bronx River.

2.3 Prior Investigations

Underground Storage Tank Closure Report for Spill #0001454 by Berninger Environmental, September 2015

- Beringer Environmental (BEI) prepared this report on behalf of 1303 Webster Avenue Realty Corp.
- Five fiberglass-coated steel fuel tanks, six pump islands, and all equipment and piping associated with the pumps and tanks were removed from the ground at the Site.
- Laboratory analysis of soil samples collected from areas surrounding USTs and pump islands confirmed the presence of gasoline-related impacts in 28 of the locations

sampled. Approximately 57.77 tons of contaminated soil/fill was disposed of on September 10, 2015, at Soil Safe, Inc. in Bridgeport.

- The closure report mentions that ARCADIS U.S., Inc., on behalf of BP Products of North America, Inc., would address any soil or groundwater contamination remaining on site.

On January 29, 2016, the New York State Department of Environmental Conservation (NYSDEC) closed spill #0001454 with a Notice of No Further Action Letter.

Geotechnical Investigation and Report for Proposed 7-Story Residential Building 1311 Webster Avenue, Bronx, New York by SESI Consulting Engineers P.C, March 2016

- Fill was encountered below the surface material to depths of approximately 9 to 10 feet bgs. Fill material was generally granular material consisting of medium to fine sand with varying amounts of silt and gravel. The variation in blow counts indicated that the fill was originally placed in an uncontrolled manner and/or with variable compactive effort. Beneath surface materials and fill, natural glacial till soil deposits consisting primarily of brown coarse to fine sand with varying amounts of silt and gravel.
- Bedrock was encountered in all of the soil borings and test pit excavation. Bedrock depth varied from 2 feet to 20 feet bgs.

Phase I Environmental Site Assessment Report by Merritt Environmental Consulting Corp., August 2020

- Merritt Environmental Consulting Corp. (MECC) prepared this report on behalf of Spaxel Development, LLC in accordance with ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- The following Recognized Environmental Condition (REC) was identified during the Phase I ESA:
 - According to the historical sources of the 1301-1307 Webster Avenue portion of the Site was occupied by an electroplating facility and carpet cleaner during the years 1940-1965. In addition, according to the sources reviewed, the 1321 Webster Avenue portion of the Site was a commercial drycleaner from 1965-1978.
- The following Historical Recognized Environmental Condition (HREC) was identified during the Phase I ESA:
 - The Site was occupied by a gasoline station from 1989-2013. Historical USTs and impacted soil were removed, and remediation was completed under Spill #0001454. The NYSDEC issued a closure notice on January 29, 2016.

Focused Sub-Surface Site Investigation (FSSI) by Merritt Environmental Consulting Corp., August 2020

- MECC prepared this Focused Subsurface Site Investigation (FSSI) on behalf of Spaxel Development to determine if a historical on-site gasoline station, a historical electroplating operation and/or a former drycleaning operation adversely impacted the environmental integrity of the Site. The following Site conditions were observed:
- The Site elevation is approximately 30 feet above mean sea level.
- The only area of the Site where a water-bearing deposit exists in unconsolidated material above bedrock is the southeast corner of the Site (the former location of the gasoline UST cluster). Depth to this water-bearing unit was measured by MECC as 12.4 ft bgs. No water-bearing zones were encountered above bedrock in any of the remaining five borings installed at the Site.
- The depth to bedrock was approximately 3 feet bgs at the northern section of the Site and approximately 25 feet bgs at the former location of the gasoline USTs in the southeast portion of the Site (bedrock depth obtained by NYSDEC records).
- Large amounts of common urban fill beneath the Site were encountered in all of the installed borings.
- The study found no evidence of actionable or reportable release of VOCs or TAL Metals for the Site's subsurface. Gasoline-related VOCs were detected in groundwater, and since this condition is known to regulators, and the NYSDEC required no further action. By using historical groundwater quality data obtained from the three off-site and downgradient groundwater monitoring wells, MECC concluded that historical gasoline release at the Site did not migrate to the east to any great degree and that evidence showed no adverse impacts on groundwater quality beyond Webster Avenue to the east.
- While there was no access to the former drycleaner area of the Site, two soil borings were placed at its southern edge. The bedrock is shallow in the former drycleaner area, and dips down to the south towards the two installed borings. Trace tetrachloroethylene (PCE), a common drycleaning chemical, concentration was detected in one of the two soil samples collected from the borings. However, the reported value did not exceed Part 375 Unrestricted Soil Cleanup Objective (SCO) for PCE.

Environmental Opinion Memo by Hydro Tech Environmental Engineering and Geology, DPC, May 2024

- Based on their review of prior reports, Hydro Tech Environmental Engineering and Geology, DPC (HTE) issued an Opinion Memo for RJ Capital Holdings.

- HTE agreed with NYSDEC closure of Spill #0001454 and the call for no further action since source removal was conducted, in situ treatment was completed, and no LNAPL was present in the groundwater.
- Regarding the general area of the former drycleaning and electroplating operation, the FSSI report identified chlorinated VOCs in the groundwater, but none were detected above regulatory limits in the collected soil samples. Based on these reports, it was HTE's opinion that if the site is to be developed as proposed with a slab on grade building and associated above-ground parking, there will be a need for vapor mitigation across the site. It was recommended that a vapor barrier be installed underneath the building footprint coupled with a ventilated parking garage (or an open-air parking garage).

Based on the review of the findings above, Vektor recommended a limited Phase II Environmental Site Assessment be conducted to determine potential impacts from the historical drycleaning operations.

Focused Soil Vapor Investigation by Vektor Consultants, June 2024

- Vektor conducted a focused soil vapor investigation on behalf of Keren Star Management to evaluate whether the former drycleaning operations adversely impacted the subsurface conditions beneath the Site.
- Coastal Environmental Solutions, Inc. (Coastal) of Bohemia, New York, was retained to install two soil vapor probes designated as SV-1 and SV-2 in the former drycleaning area, where no investigation was previously conducted. SV-1 was advanced to 1.5 feet below grade surface (bgs) and SV-2 to 2.5 feet bgs utilizing a portable hammer drill due to limited access. Additionally, one ambient background air sample was collected for a total of three samples.
- Investigation results showed trace concentrations of petroleum-related VOCs and elevated concentrations of chlorinated VOCs (CVOCs), including tetrachloroethylene (max. of 18,000 ug/m³) and its byproduct trichloroethylene (max. of 200 ug/m³) in both soil vapor samples, which suggests a release.

Based on the soil vapor results collected from the suspect source area, Vektor recommended further investigation be conducted to delineate the horizontal extent of the soil vapor contamination at the Site.

3.0 FIELD INVESTIGATION

A limited Phase II investigation, consisting of the installation and sampling of four soil borings and six soil vapor points, was conducted at the Site on July 3, 2024.

3.1 Soil Investigation

Coastal Environmental Solutions, Inc. (Coastal) of Bohemia, New York, was retained to install three soil borings designated as SB-1 through SB-4 in order to evaluate the impacts of chlorinated VOCs (CVOCs) in soil. Soil borings SB-1 through SB-3 were advanced to 1.5 feet below grade surface (bgs) (utilizing a portable hammer drill due to limited access) and soil boring SB-4 to 5 feet bgs (utilizing the direct-push Geoprobe 7822DT) for a total of four soil borings. A map showing the location of soil borings is shown in Figure 2.

Soil samples from SB-1 through SB-3 were collected utilizing a hammer drill (due to limited access areas). Soil samples from SB-4 were collected continuously into a 5-foot sample barrel lined with a dedicated acetate sleeve. Soil samples collected were field screened for the presence of volatile organic compounds (VOCs) with a photoionization detector (PID) and visually inspected for evidence of contamination. The PID readings ranged from 0.0 parts per million (ppm) to 3.6 ppm in the soil samples. Therefore, one sample from each boring was collected based on the depth exhibiting evidence of the highest field contamination (i.e., staining, odors, elevated PID readings). In the absence of field contamination, a soil sample was collected from immediately above the termination depth as follows:

- A soil sample from 0.5 to 1.5 feet interval was collected from SB-1 immediately above boring termination since PID readings (1.6 ppm) were identified.
- A soil sample from 0.5 to 1.5 feet interval was collected from SB-2 immediately above boring termination since no elevated PID readings (0.0 ppm) were identified.
- A soil sample from 0.5 to 1.5 feet interval was collected from SB-3 immediately above boring termination since no elevated PID readings (0.0 ppm) were identified.
- A soil sample from 1 to 2 feet interval was collected from SB-4 since PID readings (3.6 ppm) were identified.

The subsurface materials were generally described from surface grade to 5 feet below grade surface (bgs) as brown fine- to medium-grained sand with varying amounts of brick, fine gravel, dark brown medium- to coarse-grained sand, and silt. Groundwater was not encountered during the investigation. Soil boring logs are provided in Appendix A.

All soil samples were collected using dedicated, disposable sampling scoops to prevent cross-contamination. Soil samples were immediately containerized in pre-cleaned, laboratory-supplied glassware, stored in a chilled cooler (4°C), and submitted to York Analytical Laboratories (York) of Stratford, Connecticut, under proper chain of custody

procedures. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory.

Four soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, and one sample (SB-4) was analyzed for semi-volatile organic compounds (SVOCs) by EPA Method 8270.

No significant amounts of derived wastes were generated during this assessment. Since no visual contamination was observed, spoils were returned to their boreholes and grade surfaces restored in-kind.

3.2 Soil Vapor Sampling

Coastal installed six soil vapor points across the Site on July 3, 2024, to further investigate the extent of soil vapor contamination identified at the Site previously. Due to shallow bedrock and refusal, the six soil vapor points were advanced to the following depths: SV-3 to 4 feet bgs, SV-4 to 5 feet bgs, SV-5 to 7 feet bgs, SV-6 to 10 feet bgs, SV-7 to 8 feet bgs, and SV-8 to 8 feet bgs utilizing a direct-push Geoprobe 7822DT. Additionally, one ambient background air sample was collected for a total of seven samples.

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

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 4-hour flow controllers during the sampling event on July 3, 2024. Flow controllers were set to not exceed 0.2 liters per minute, as established by the NYSDOH Guidance document.

Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were submitted to York of Stratford, CT, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15. Soil vapor sampling locations are shown in Figure 2. Soil vapor sampling logs are included in Appendix B.

4.0 ANALYTICAL RESULTS AND DISCUSSION

4.1 Soil Analytical Results

Soil analytical results were compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and NYSDEC Part 375 Restricted Residential Use SCOs. All results are reported in milligrams per kilogram (mg/kg).

One VOC, tetrachloroethylene (max. of 0.19 mg/kg), was detected in all four samples at concentrations below its respective Unrestricted Use Soil Cleanup Objective (SCO).

Seven SVOCs, consisting of polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene (2.14 mg/kg), benzo(a)pyrene (2.18 mg/kg), benzo(b)fluoranthene (3.06 mg/kg), benzo(k)fluoranthene (0.968 mg/kg), chrysene (2.03 mg/kg) dibenzo(a,h)anthracene (0.41 mg/kg) and indeno(1,2,3-cd)pyrene (1.87 mg/kg), were detected at concentrations exceeding their respective Unrestricted Use SCOs in SB-4. Of these, five SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene also exceeded their respective Restricted Use SCOs in SB-4.

Although tetrachloroethylene, a common drycleaning chemical, is not identified above regulatory standards, it exists in the soil beneath the Site. The concentrations of SVOCs identified in the soil are attributed to the urban fill material identified across NYC.

Tables 1 and 2 provide the analytical summary results. The laboratory analytical report for the soil samples collected is provided in Appendix C.

4.2 Soil Vapor Analytical Results

Soil vapor samples collected during the investigation were compared to the compounds listed in Table 3.1 of the Air Guideline Values Derived by the New York State Department of Health (NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006.

Results showed trace to moderate concentrations of petroleum-related VOCs and elevated concentrations of chlorinated VOCs (CVOCs) in all soil vapor samples.

The total concentrations of petroleum-related VOCs, benzene, toluene, ethyl benzene, and total xylene (BTEX), ranged from 19.7 $\mu\text{g}/\text{m}^3$ in SV-3 to 114.4 $\mu\text{g}/\text{m}^3$ in SV-8 beneath the Site.

Chlorinated VOCs (CVOCs) tetrachloroethylene was detected in all soil vapor samples, ranging from 200 $\mu\text{g}/\text{m}^3$ in SV-6 to 18,000 $\mu\text{g}/\text{m}^3$ in SV-1. Trichloroethylene was detected in all soil vapor samples, ranging from 2.5 $\mu\text{g}/\text{m}^3$ to SV-6 and 200 $\mu\text{g}/\text{m}^3$ in SV-1.

Other VOCs identified include 1,2,4-trimethylbenzene (max. of 10 $\mu\text{g}/\text{m}^3$ in SV-7 and SV-8), 1,3-Butadiene (max. of 53 $\mu\text{g}/\text{m}^3$ in SV-8), 2,2,4-trimethylpentane (max. of 1,200 $\mu\text{g}/\text{m}^3$ in SV-8), propylene (max. of 430 $\mu\text{g}/\text{m}^3$ in SV-8), 2-butanone (max. of 44 $\mu\text{g}/\text{m}^3$ in SV-7), 3-chloropropene (max. of 62 $\mu\text{g}/\text{m}^3$ in SV-8), 4-methyl-2-pentanone (max. of 15 $\mu\text{g}/\text{m}^3$ in SV-1), acetone (max. of 810 $\mu\text{g}/\text{m}^3$ in SV-7), carbon disulfide (max. of 26 $\mu\text{g}/\text{m}^3$ in SV-2), chloroform (max. of 110 $\mu\text{g}/\text{m}^3$ in SV-8), cyclohexane (max. of 71 $\mu\text{g}/\text{m}^3$ in SV-5), isopropanol (max. of 22 $\mu\text{g}/\text{m}^3$ in SV-6), methyl tert-butyl ether (MTBE) (max. of 15 $\mu\text{g}/\text{m}^3$ in SV-4), n-heptane (max. of 100 $\mu\text{g}/\text{m}^3$ in SV-8), n-hexane (max. of 200 $\mu\text{g}/\text{m}^3$ in SV-8), p-ethyltoluene (max. of 12 $\mu\text{g}/\text{m}^3$ in SV-8), styrene (max. of 31 $\mu\text{g}/\text{m}^3$ in SV-2), and trichlorofluoromethane (max. of 16 $\mu\text{g}/\text{m}^3$ in SV-6). Similar compounds were detected in the ambient background sample, however, at trace concentrations, and they are attributed to typical air quality conditions in the Site area.

Table 3 provides the analytical summary results for soil vapor samples. The laboratory analytical report for the soil vapor samples collected is provided in Appendix D.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions were informed by the findings:

- The subsurface materials were generally described from surface grade to 5 feet below grade surface (bgs) as brown fine- to medium-grained sand with varying amounts of brick, fine gravel, dark brown medium- to coarse-grained sand, and silt.
- Groundwater was not encountered during the investigation.
- The PID readings in the soil samples ranged from 0.0 parts per million (ppm) to 3.6 ppm.
- One VOC, tetrachloroethylene, was detected in all four samples; however, it was detected at concentrations below its respective Unrestricted Use Soil Cleanup Objective (SCO).
- Seven SVOCs, consisting of PAHs, were identified at concentrations exceeding their respective Unrestricted Use SCOs in SB-4. Of these SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene also exceeded their respective Restricted Use SCOs in SB-4. These compounds are consistent with urban fill identified across NYC.
- Tetrachloroethylene (ranging from $200 \mu\text{g}/\text{m}^3$ in SV-6 to $18,000 \mu\text{g}/\text{m}^3$ in SV-1), and its byproduct trichloroethylene (ranging from $2.5 \mu\text{g}/\text{m}^3$ to SV-6 and $200 \mu\text{g}/\text{m}^3$ in SV-1) were detected in all soil vapor samples. SV-1 is located in the former drycleaning area (i.e., the suspect source area), and SV-6 is located furthest away from the source in the southern portion of the Site.

The investigation results suggest a chlorinated solvent release at the Site. Based on the elevated concentrations of the CVOCs identified in soil vapor across the Site, the potential for off-site soil vapor migration originating from this Site cannot be ruled out. The results should be reported to the New York State Department of Environmental Conservation (NYSDEC), and further investigation and mitigation should be conducted as necessary.

Sincerely,
Vektor Consultants



Antonio Cardenas
Assistant Project Manager



Ezgi Karayel
Principal

TABLES

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Table 1
VOCs in Soil Samples
1301-1321 Webster Avenue, Bronx, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1 (0.5-1.5) 24G0290-01 7/3/2024 Soil		SB-2 (0.5-1.5) 24G0290-02 7/3/2024 Soil		SB-3 (0.5-1.5) 24G0290-03 7/3/2024 Soil		SB-4 (1-2) 24G0290-04 7/3/2024 Soil			
Laboratory ID	CAS Number			mg/Kg	mg/Kg	mg/Kg	Q	mg/Kg	Q	mg/Kg	Q	mg/Kg	Q
Sampling Date													
Sample Matrix													
Compound				Result		Result		Result		Result			
Volatile Organics, 8260 - Comprehensive													
Dilution Factor				1		1		1		1			
1,1,1,2-Tetrachloroethane		630-20-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,1,1-Trichloroethane		71-55-6	0.68	100	0.003	U	0.003	U	0.0017	U	0.003	U	
1,1,2,2-Tetrachloroethane		79-34-5	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,1,2-Trichloroethane		79-00-5	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,1-Dichloroethane		75-34-3	0.27	26	0.003	U	0.003	U	0.0017	U	0.003	U	
1,1-Dichloroethylene		75-35-4	0.33	100	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2,3-Trichlorobenzene		87-61-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2,3-Trichloropropane		96-18-4	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2,4-Trichlorobenzene		120-82-1	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2,4-Trimethylbenzene		95-63-6	3.6	52	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2-Dibromo-3-chloropropane		96-12-8	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2-Dibromoethane		106-93-4	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2-Dichlorobenzene		95-50-1	1.1	100	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2-Dichloroethane		107-06-2	0.02	3.1	0.003	U	0.003	U	0.0017	U	0.003	U	
1,2-Dichloropropane		78-87-5	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
1,3,5-Trimethylbenzene		108-67-8	8.4	52	0.003	U	0.003	U	0.0017	U	0.003	U	
1,3-Dichlorobenzene		541-73-1	2.4	49	0.003	U	0.003	U	0.0017	U	0.003	U	
1,4-Dichlorobenzene		106-46-7	1.8	13	0.003	U	0.003	U	0.0017	U	0.003	U	
1,4-Dioxane		123-91-1	0.1	13	0.06	U	0.06	U	0.033	U	0.06	U	
2-Butanone		78-93-3	0.12	100	0.003	U	0.003	U	0.0017	U	0.003	U	
2-Hexanone		591-78-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
4-Methyl-2-pentanone		108-10-1	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Acetone		67-64-1	0.05	100	0.006	U	0.0079	J	0.0041	J	0.006	U	
Acrolein		107-02-8	~	~	0.006	U	0.006	U	0.0033	U	0.006	U	
Acrylonitrile		107-13-1	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Benzene		71-43-2	0.06	4.8	0.003	U	0.003	U	0.0017	U	0.003	U	
Bromochloromethane		74-97-5	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Bromodichloromethane		75-27-4	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Bromoform		75-25-2	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Bromomethane		74-83-9	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Carbon disulfide		75-15-0	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Carbon tetrachloride		56-23-5	0.76	2.4	0.003	U	0.003	U	0.0017	U	0.003	U	
Chlorobenzene		108-90-7	1.1	100	0.003	U	0.003	U	0.0017	U	0.003	U	
Chloroethane		75-00-3	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Chloroform		67-66-3	0.37	49	0.003	U	0.003	U	0.0017	U	0.003	U	
Chloromethane		74-87-3	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
cis-1,2-Dichloroethylene		156-59-2	0.25	100	0.003	U	0.003	U	0.0017	U	0.003	U	
cis-1,3-Dichloropropylene		10061-01-5	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Cyclohexane		110-82-7	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Dibromochloromethane		124-48-1	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Dibromomethane		74-95-3	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Dichlorodifluoromethane		75-71-8	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Ethyl Benzene		100-41-4	1	41	0.003	U	0.003	U	0.0017	U	0.003	U	
Hexachlorobutadiene		87-68-3	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Isopropylbenzene		98-82-8	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Methyl acetate		79-20-9	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	100	0.003	U	0.003	U	0.0017	U	0.003	U	
Methylcyclohexane		108-87-2	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Methylene chloride		75-09-2	0.05	100	0.006	U	0.006	U	0.0033	U	0.006	U	
n-Butylbenzene		104-51-8	12	100	0.003	U	0.003	U	0.0017	U	0.003	U	
n-Propylbenzene		103-65-1	3.9	100	0.003	U	0.003	U	0.0017	U	0.003	U	
o-Xylene		95-47-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
p- & m- Xylenes		179601-23-1	~	~	0.006	U	0.006	U	0.0033	U	0.006	U	
p-Isopropyltoluene		99-87-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
sec-Butylbenzene		135-98-8	11	100	0.003	U	0.003	U	0.0017	U	0.003	U	
Styrene		100-42-5	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
tert-Butyl alcohol (TBA)		75-65-0	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
tert-Butylbenzene		98-06-6	5.9	100	0.003	U	0.003	U	0.0017	U	0.003	U	
Tetrachloroethylene		127-18-4	1.3	19	0.14	0.025	0.0036	0.0036	0.019				
Toluene		108-88-3	0.7	100	0.003	U	0.003	U	0.0017	U	0.003	U	
trans-1,2-Dichloroethylene		156-60-5	0.19	100	0.003	U	0.003	U	0.0017	U	0.003	U	
trans-1,3-Dichloropropylene		10061-02-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
trans-1,4-dichloro-2-butene		110-57-6	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Trichloroethylene		79-01-6	0.47	21	0.003	U	0.003	U	0.0017	U	0.0035	J	
Trichlorofluoromethane		75-69-4	~	~	0.003	U	0.003	U	0.0017	U	0.003	U	
Vinyl Chloride		75-01-4	0.02	0.9	0.003	U	0.003	U	0.0017	U	0.003	U	
Xylenes, Total		1330-20-7	0.26	100	0.0091	U	0.009	U	0.005	U	0.009	U	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

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 2
SVOCs in Soil Samples
1301-1321 Webster Avenue, Bronx, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-4 (1-2) 24G0290-04 7/3/24 Soil	
Compound	CAS Number			Result	Q
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				10	
1,1-Biphenyl	92-52-4	~	~	0.372	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.743	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.372	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.372	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.372	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.372	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.372	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.743	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.372	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.372	U
2,4-Dichlorophenol	120-83-2	~	~	0.372	U
2,4-Dimethylphenol	105-67-9	~	~	0.372	U
2,4-Dinitrophenol	51-28-5	~	~	0.743	U
2,4-Dinitrotoluene	121-14-2	~	~	0.372	U
2,6-Dinitrotoluene	606-20-2	~	~	0.372	U
2-Chloronaphthalene	91-58-7	~	~	0.372	U
2-Chlorophenol	95-57-8	~	~	0.372	U
2-Methylnaphthalene	91-57-6	~	~	0.372	U
2-Methylphenol	95-48-7	0.33	100	0.372	U
2-Nitroaniline	88-74-4	~	~	0.743	U
2-Nitrophenol	88-75-5	~	~	0.372	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.372	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.372	U
3-Nitroaniline	99-09-2	~	~	0.743	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.743	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.372	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.372	U
4-Chloroaniline	106-47-8	~	~	0.372	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.372	U
4-Nitroaniline	100-01-6	~	~	0.743	U
4-Nitrophenol	100-02-7	~	~	0.743	U
Acenaphthene	83-32-9	20	100	0.372	U
Acenaphthylene	208-96-8	100	100	0.725	JD
Acetophenone	98-86-2	~	~	0.372	U
Aniline	62-53-3	~	~	1.49	U
Anthracene	120-12-7	100	100	0.546	JD
Atrazine	1912-24-9	~	~	0.372	U
Benzaldehyde	100-52-7	~	~	0.372	U
Benazidine	92-87-5	~	~	1.49	U
Benzo(a)anthracene	56-55-3	1	1	2.14	D
Benzo(a)pyrene	50-32-8	1	1	2.18	D
Benzo(b)fluoranthene	205-99-2	1	1	3.06	D
Benzo(g,h,i)perylene	191-24-2	100	100	1.86	D
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.968	D
Benzoic acid	65-85-0	~	~	0.372	U
Benzyl alcohol	100-51-6	~	~	0.372	U
Benzyl butyl phthalate	85-68-7	~	~	0.372	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.372	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.372	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.372	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.372	U
Caprolactam	105-60-2	~	~	0.743	U
Carbazole	86-74-8	~	~	0.392	JD
Chrysene	218-01-9	1	3.9	2.03	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.41	JD
Dibenzofuran	132-64-9	7	59	0.372	U
Diethyl phthalate	84-66-2	~	~	0.372	U
Dimethyl phthalate	131-11-3	~	~	0.372	U
Di-n-butyl phthalate	84-74-2	~	~	0.372	U
Di-n-octyl phthalate	117-84-0	~	~	0.372	U
Diphenylamine	122-39-4	~	~	0.743	U
Fluoranthene	206-44-0	100	100	4.71	D
Fluorene	86-73-7	30	100	0.372	U
Hexachlorobenzene	118-74-1	0.33	1.2	0.372	U
Hexachlorobutadiene	87-68-3	~	~	0.372	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.372	U
Hexachloroethane	67-72-1	~	~	0.372	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.87	D
Isophorone	78-59-1	~	~	0.372	U
Naphthalene	91-20-3	12	100	0.372	U
Nitrobenzene	98-95-3	~	~	0.372	U
N-Nitrosodimethylamine	62-75-9	~	~	0.372	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.372	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.372	U
Pentachlorophenol	87-86-5	0.8	6.7	0.372	U
Phenanthrene	85-01-8	100	100	1.86	D
Phenol	108-95-2	0.33	100	0.372	U
Pyrene	129-00-0	100	100	3.52	D

NOTES:

Any Regulatory Exceedences are color coded by Regulation

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

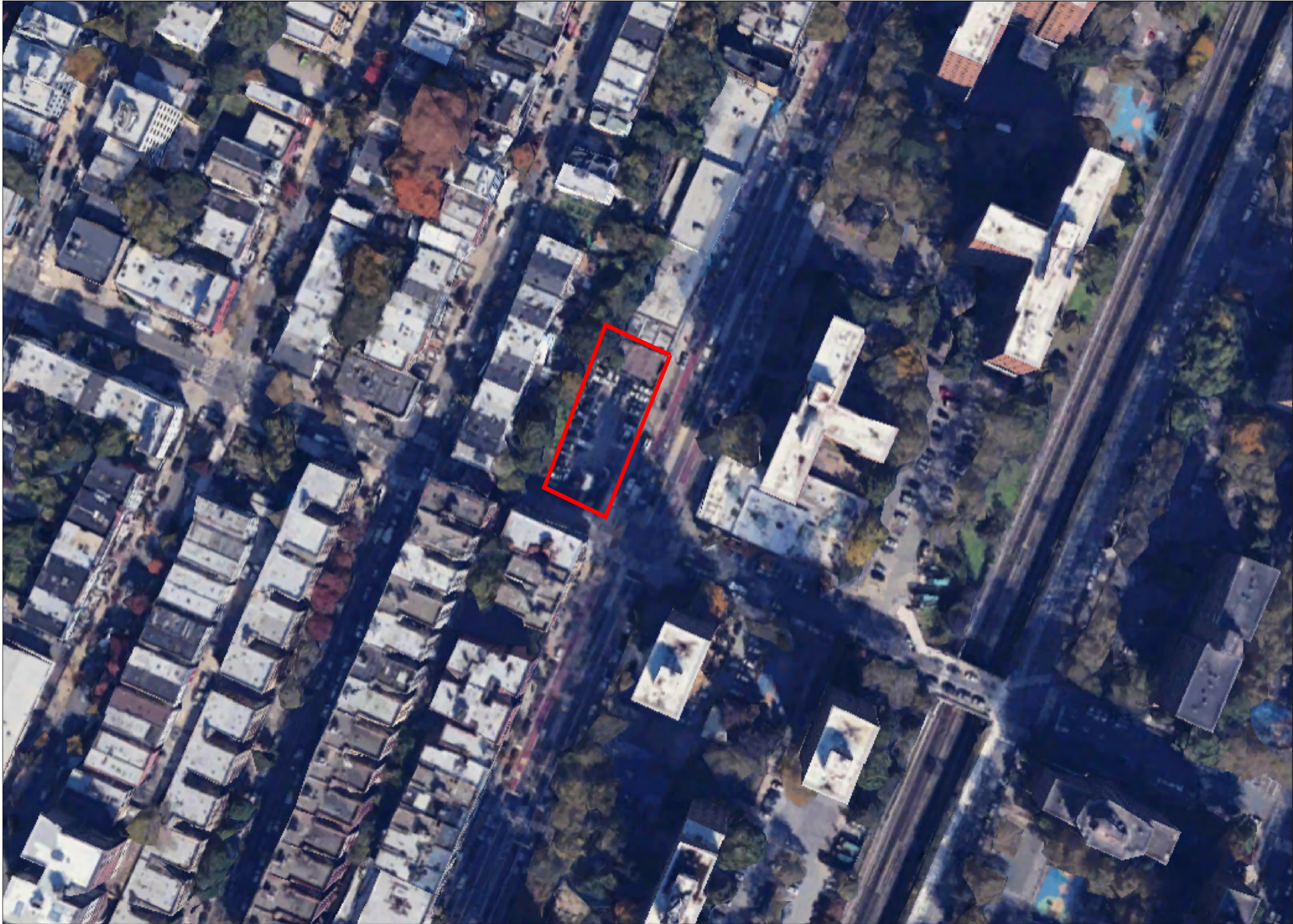
~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil Vapor and Ambient Air Samples
1301-1321 Webster Avenue, Bronx, NY

Sample ID Laboratory ID Sampling Date Sample Matrix	Compound	CAS Number	NYSDOH Air Guideline Values - AIGV	NYSDOH Background Standards - Outdoor Air - 25th Pct	SV-1 24F1054-01 6/14/24 Soil Vapor		SV-2 24F1054-02 6/14/24 Soil Vapor		SV-3 24G0349-01 7/3/24 Soil Vapor		SV-4 24G0349-02 7/3/24 Soil Vapor		SV-5 24G0349-03 7/3/24 Soil Vapor		SV-6 24G0349-04 7/3/24 Soil Vapor		SV-7 24G0349-05 7/3/24 Soil Vapor		SV-8 24G0349-06 7/3/24 Soil Vapor		OA-1 24F1054-03 6/14/24 Outdoor Ambient Air		OA-1 24G0349-07 7/3/24 Outdoor Ambient Air			
					Result	U	Result	U	Result	U	Result	U	Result	U	Result	U	Result	U	Result	U	Result	U	Result	U	Result	U
					ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Volatile Organics, EPA TO15 Full List																										
Dilution Factor					100.8		37.82		15.2		16.27		15.37		15.28		15.11		14.86		15.11		14.86			
1,1,2,2-Tetrachloroethane		630-20-6		~	13	U	13	U	10	U	11	U	11	U	10	U	10	U	10	U	0.98	U	0.98	U		
1,1,1-Trichloroethane		71-55-6	100	0.25	10	U	10	U	8.3	U	8.9	U	8.4	U	8.3	U	8.2	U	8.1	U	0.53	U	0.45	U		
1,1,2,2-Tetrachloroethane		79-34-5		0.25	13	U	13	U	10	U	11	U	11	U	10	U	10	U	10	U	0.67	U	0.56	U		
1,1,2-Trichloro 1,2,2-trifluoroethane (Freon 113)		76-13-1		0.25	14	U	14	U	12	U	12	U	12	U	12	U	12	U	11	U	0.75	U	0.63	U		
1,1,2-Trichloroethane		71-00-5		0.25	10	U	10	U	8.3	U	8.9	U	8.4	U	8.3	U	8.2	U	8.1	U	0.53	U	0.45	U		
1,1-Dichloroethane		75-34-3		0.25	7.6	U	7.7	U	6.2	U	6.6	U	6.2	U	6.2	U	6.1	U	6	U	0.4	U	0.33	U		
1,3-Dichloroethylene		75-35-4		0.25	1.9	U	1.9	U	1.5	U	1.6	U	1.5	U	1.5	U	1.5	U	1.5	U	0.097	U	0.081	U		
1,2,4-Trichlorobenzene		120-81-1		0.25	14	U	14	U	11	U	12	U	11	U	11	U	11	U	11	U	0.73	U	0.61	U		
1,2,4-Trimethylbenzene		95-63-6		~	0.25	9.3	U	9.3	U	7.5	U	8	U	7.6	U	9.8	D	10	D	10	D	1.2	D	0.4	U	
1,2-Dibromobenzene		106-93-4		0.25	14	U	15	U	12	U	13	U	12	U	12	U	12	U	11	U	0.75	U	0.63	U		
1,2-Dichlorobenzene		95-50-1		0.25	11	U	11	U	9.1	U	9.8	U	9.2	U	9.2	U	9.1	U	8.9	U	0.59	U	0.49	U		
1,2-Dichloroethane		107-06-2		0.25	7.6	U	7.7	U	6.2	U	6.6	U	6.2	U	6.2	U	6.1	U	6	U	0.4	U	0.33	U		
1,2-Dichloropropane		78-87-5		0.25	8.7	U	8.7	U	7	U	7.5	U	7.1	U	7.1	U	7	U	6.9	U	0.45	U	0.38	U		
1,2-Dichlorotetrafluoroethane		76-14-2		~	0.25	13	U	13	U	11	U	11	U	11	U	11	U	11	U	10	U	0.69	U	0.57	U	
1,3,5-Trimethylbenzene		108-67-8		0.25	9.3	U	9.3	U	7.5	U	8	U	7.6	U	7.5	U	7.4	U	7.3	U	0.48	U	0.4	U		
1,3-Butadiene		106-95-0		~	12	U	13	U	10	U	10	U	10	U	10	U	10	U	10	U	0.65	U	0.54	U		
1,3-Dichlorobenzene		541-73-1		0.25	11	U	11	U	9.1	U	9.8	U	9.2	U	9.2	U	9.1	U	8.9	U	0.59	U	0.49	U		
1,3-Dichloropropane		142-28-9		~	8.7	U	8.7	U	7	U	7.5	U	7.1	U	7.1	U	7	U	6.9	U	0.45	U	0.38	U		
1,4-Dichlorobenzene		106-46-7		0.25	11	U	11	U	9.1	U	9.8	U	9.2	U	9.2	U	9.1	U	8.9	U	0.59	U	0.49	U		
1,4-Dioxane		123-91-1		~	14	U	14	U	11	U	12	U	11	U	11	U	11	U	11	U	0.71	U	0.59	U		
2,2,4-Trimethylpentane		540-84-1		~	4.4	U	4.42	U	41	D	290	D	990	D	330	D	3.5	D	1,200	D	1.47	D	0.19	U		
2-Butanone		78-93-3		0.25	14	D	8.4	D	12	D	10	D	19	D	38	D	44	D	39	D	4.5	D	0.24	U		
2-Hexanone		591-78-6		~	15	U	15	U	12	U	13	U	13	U	13	U	12	U	12	U	2	D	0.67	U		
2-Chloropropane		107-05-1		~	29	U	30	U	24	U	25	U	24	U	24	U	24	U	24	U	1.5	U	1.3	U		
4-Methyl-2-pentanone		108-10-1		0.25	15	D	7.7	D	6.2	U	6.7	U	6.3	U	6.3	U	6.8	U	6.1	U	9.4	D	0.33	U		
Azotane		67-64-1		3.40	88	D	36	D	120	D	130	D	240	D	520	D	810	D	560	D	83	D	1.5	D		
Azoxystyrene		107-13-1		~	4.1	U	4.1	U	3.3	U	3.5	U	3.3	U	3.3	U	3.3	U	3.2	U	1.9	U	0.15	U		
Benzene		71-43-2		0.6	10	D	15	D	8.7	D	11	D	5.4	D	7.8	D	10	D	31	D	1.4	D	0.26	U		
Benzyl chloride		104-64-7		~	9.7	U	9.8	U	7.9	U	8.4	U	8	U	7.9	U	7.8	U	7.7	U	0.51	U	0.42	U		
Bromodichloromethane		75-27-4		~	13	U	13	U	10	U	11	U	10	U	10	U	10	U	10	U	0.66	U	0.55	U		
Bromoform		75-25-2		~	19	U	20	U	16	U	17	U	16	U	16	U	16	U	15	U	1	U	0.84	U		
Bromomethane		74-83-9		0.25	7.3	U	7.3	U	5.9	U	6.3	U	5.9	U	5.9	U	5.8	U	5.8	U	0.38	U	0.32	U		
Carbon disulfide		75-15-0		~	7.6	D	26	D	5.7	D	19	D	4.8	U	5.7	D	5.6	D	8.8	D	0.31	U	0.25	U		
Carbon tetrachloride		56-23-5	5	0.25	3	U	3	U	2.4	U	2.6	U	2.4	U	2.4	U	2.4	U	2.3	U	0.55	D	0.13	U		
Chlorobenzene		108-90-7		0.25	8.7	U	8.7	U	7	U	7.5	U	7.1	U	7	U	6.8	U	6.5	U	0.45	U	0.38	U		
Chloroethane		75-00-3		~	5	U	5	U	4	U	4.3	U	4.1	U	4	U	4	U	3.9	U	0.26	U	0.22	U		
Chloroform		67-66-3		0.25	31	D	8.2	U	13	D	7.9	U	7.5	U	7.5	U	10	D	110	D	0.48	U	0.4	U		
Chloromethane		74-87-3		0.25	3.9	U	3.9	U	3.1	U	3.4	U	3.2	U	3.2	U	3.1	U	3.1	U	1.6	D	0.17	U		
cis-1,2-Dichloroethylene		156-59-2		0.25	55	D	3.7	U	37	D	1.6	U	3.7	D	1.5	U	1.5	U	1.8	U	0.39	D	0.081	U		
cis-1,3-Dichloropropylene		10051-01-5		0.25	8.5	U	8.6	U	6.9	U	7.4	U	7	U	6.9	U	6.9	U	6.7	U	0.44	U	0.37	U		
Cyclohexane		110-82-7		0.25	6.5	U	6.5	U	5.2	U	5.6	U	5.1	D	5.3	U	5.2	U	6.6	D	0.54	D	0.28	U		
Dibromochloromethane		124-48-1		~	16	U	16	U	13	U	14	U	13	U	13	U	13	U	13	U	0.83	U	0.7	U		
Dichlorodifluoromethane		75-71-8		0.25	9.3	U	9.4	U	7.5	U	8	U	7.6	U	7.6	U	7.5	U	7.3	U	2.9	D	0.4	U		
Diethyl acetate		141-78-6		~	14	U	14	U	11	U	12	U	11	U	11	U	11	U	11	U	0.99	D	0.59	U		
Ethyl benzene		100-41-4		0.25	8.2	U	9.9	D	6.6	U	7.1	U	6.7	U	6.6	U	6.6	U	6.4	U	1.6	U	0.35	U		
Hexachlorobutadiene		87-68-3		0.25	20	U	20	U	16	U	17	U	16	U	16	U	16	U	16	U	1	U	0.87	U		
Isopropanol		67-63-0		~	9.3	U	9.3	U	8.2	D	8	D	7.6	D	22	D	13	D	10	D	3.8	D	0.4	U		
Methyl Methacrylate		80-62-6		~	7.7	U	7.7	U	6.2	U	6.7	U	6.3	U	6.3	U	6.2	U	6.1	U	0.4	U	0.33	U		
Methyl tert-butyl ether (MTBE)		1634-04-4		0.25	6.8	U	6.8	U	5.5	U	15	D	5.5	U	14	D	5.4	U	5.4	U	0.35	U	0.29	U		
Methylene chloride		75-09-2	60	0.25	13	U	13	U	11	U	11	U	11	U	11	U	10	U	10	U	0.99	D	0.57	U		
Naphthalene		91-20-3		~	20	U	20	U	16	U	17	U	16	U	16	U	16	U	16	U	2.4	D	0.86	U		
n-Heptane		142-82-5		0.25	7.7	U	7.8	U	19	D	14	D	31	D	7.5	D	11	D	100	D	1.2	D	0.33	U		
n-Heptane		110-54-3		0.25	6.6	U	6.7	U	63	D	13	D	37	D	8.6	D	19	D	200	D	1.7	D	0.29	U		
p-Xylene		95-47-6		0.25	8.2	U	8.2	U	6.6	U	7.1	U	7.3	D	10	D	10	D	12	D	1.9	D	0.35	U		
p & m-Xylenes		17903-23-1		~	16	U	16	U	13	U	14	U	13	U	13	U	13	U	12	U	6.4	D	0.71	U		
p-Ethyltoluene		622-96-8		~	9.3	U	9.3	U	7.5	U	8	U	7.6	U	7.6	U	7.5	U	7.4	U	1.2	U	0.4	U		
Propylene		115-07-1		~	29	D	21	D	160	D	62	D	36	D	19	D	130	D	490	D	0.17	U	0.14	U		
Styrene		100-42-5		0.25	8	U	31	D	6.5	U	6.9	U	6.5	U	6.5	U	6.4	U	6.3	U	0.58	D	0.35	U		
Tetrachloroethylene		127-18-4	30	0.25	18,000	D	6,300	D	4,200	D	2,900	D	670	D	200	D	1,100	D	4,000	D	7	D	0.55	U		
Tetrahydrofuran		109-99-9		0.25	11	U																				

FIGURES

DRAFT



vEktor consultants

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

Legend:

 Site Boundary

Scale:

Not to Scale

Figure No. 1

Figure Name: Site Location

Report: Phase II ESA

Date: 7/14/2024

Drawn By: KB

Site Address: 1321 Webster Avenue,
Bronx, New York



vEktor consultants

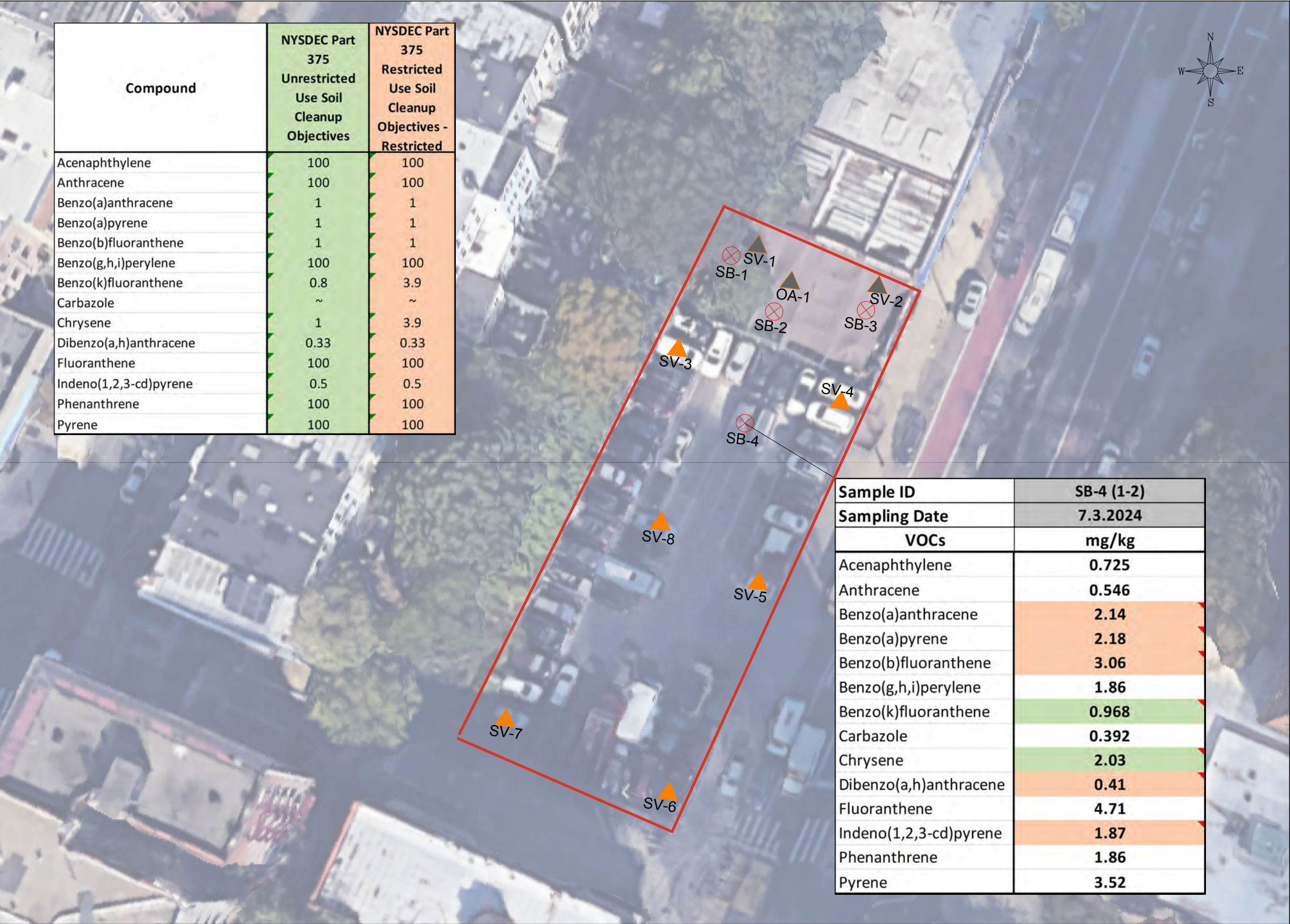
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f: +1.347.402.7735
e: info@vektorconsultants.com
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- Legend:
- Site Boundary
 - Soil Boring ID and Location SB-1 through SB-4
 - Soil Vapor ID and Location SV-3 through SV-8
 - Previous Soil Vapor and Ambient Air samples ID and Location

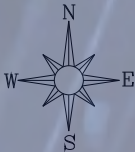
- Notes:
- All feature locations are approximate

Scale:
Not to Scale

Figure No.	2
Figure Name:	Sampling Plan
Report:	Phase II ESA
Date:	7/14/2024
Drawn By:	KB
Site Address:	1321 Webster Avenue, Bronx, NY



Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted
Acenaphthylene	100	100
Anthracene	100	100
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(g,h,i)perylene	100	100
Benzo(k)fluoranthene	0.8	3.9
Carbazole	~	~
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Fluoranthene	100	100
Indeno(1,2,3-cd)pyrene	0.5	0.5
Phenanthrene	100	100
Pyrene	100	100



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- Legend:
- Site Boundary
 - Soil Boring ID and Location SB-1 through SB-4
 - Soil Vapor ID and Location SV-3 through SV-8
 - Previous Soil Vapor and Ambient Air samples ID and Location

- Notes:
- All feature locations are approximate
 - Results are reported in milligrams per kilograms (mg/kg)

Scale:
Not to Scale

Figure No.	3
Figure Name:	Soil Exceedances
Report:	Phase II ESA
Date:	7/14/2024
Drawn By:	KB
Site Address:	1321 Webster Avenue, Bronx, NY



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- Legend:
- Site Boundary
 - Soil Boring ID and Location SB-1 through SB-4
 - Soil Vapor ID and Location SV-3 through SV-8
 - Previous Soil Vapor and Ambient Air samples ID and Location

Notes:

1. All feature locations are approximate

Scale:

Not to Scale

Figure No. 4

Figure Name: Soil Vapor Detections

Report: Phase II ESA

Date: 7/14/2024

Drawn By: KB

Site Address: 1321 Webster Avenue,
Bronx, NY

APPENDICES

DRAFT

APPENDIX A

SOIL BORING LOGS

DRAFT

	SURFACE ASPHALT CONCRETE FILL TOPSOIL AIR ICE USCS Well-graded GRAVEL (GW) Poorly graded GRAVEL (GP) Silty GRAVEL (GM) Clayey GRAVEL (GC) Silty, Clayey GRAVEL (GC-GM) Well-graded GRAVEL with silt (GW-GM) Poorly graded GRAVEL with silt (GP-GM) Well-graded GRAVEL with clay (GW-GC) Poorly graded GRAVEL with clay (GP-GC) Well-graded SAND (SW) Poorly graded SAND (SP) Silty SAND (SM) Clayey SAND (SC) Silty, Clayey SAND (SC-SM) Well-graded SAND with silt (SW-SM) Poorly graded SAND with silt (SP-SM) Well-graded SAND with clay (SW-SC) Poorly graded SAND with clay (SP-SC) SILT (ML) Lean CLAY (CL) Silty CLAY (CL-ML) Organic SOIL (OL) Elastic SILT (MH) Fat CLAY (CH) Organic SOIL (OH) Organic SOIL (OL/OH) PEAT (PT) BEDROCK IGNEOUS Rock METAMORPHIC Rock SEDIMENTARY Rock WATER Non-USCS Gravel Sand Silt Clayey Silt Silt & Clay Clay & Silt Silty Clay Clay Boulders Cobbles Peastone Glacial Till Iron Ore Wood Peat Saprolite Ash Waste		Volume Descriptors Trace = <5% Few = 5-10% Little = 15-25% Some = 30-45% Mostly = >=50% Water Levels Water Level During Drilling Water Level at End of Drilling/in Completed Well Well/Boring Completion Cap Riser Screen End Plug Annular Seal Sanitary Seal (Bentonite Slurry/Chips/Pellets/Powder, Other) Filter Pack (Sand, Gravel, Other) Backfill Sample Type GR Grab EN Encore SS Split Spoon SH Shelby Tube CO Core Barrel DP Direct Push ID Lab Sample and ID Soil/Rock Contact Lines Inferred Abrupt Gradational
--	--	--	---

vEktor consultants				Client: First Class Management & Development, LLC				BORING LOG			
Project: 1301-1321 Webster Avenue				Boring No. SB-1							
Address: 1301-1321 Webster Avenue, Bronx, NY				Page: 1 of 1							

Drilling Start Date: 7/3/2024							Boring Depth (ft): 1.5						
Drilling End Date: 7/3/2024							Boring Diameter (in): 1.0						
Drilling Company: Coastal Environmental Solutions, Inc							Sampling Method(s): HA - Hammer Drill						
Drilling Method: Cable Tool							Ground Surface Elev. (ft): ~30						
Drilling Equipment: Portable Hammer Drill							Location (Lat, Long): 40.83455, -73.90875						
Driller: Brandon													
Logged By: David Klein													

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample	
0				HA				(0.00') Fill: ASPHALT			0
								(0.50') Fill: Poorly graded SAND with gravel (SP); fine grained, little fine gravel, very loose, dry, brown, trace brick	0	SB-1 (0.5-1.5)	
								(1.50') Boring terminated			
5											5
10											10

NOTES: Refusal encountered at 1.5 feet.

vEktor consultants				Client: First Class Management & Development, LLC Project: 1301-1321 Webster Avenue Address: 1301-1321 Webster Avenue, Bronx, NY				BORING LOG Boring No. SB-2 Page: 1 of 1					
Drilling Start Date: 7/3/2024 Drilling End Date: 7/3/2024 Drilling Company: Coastal Environmental Solutions, Inc Drilling Method: Cable Tool Drilling Equipment: Portable Hammer Drill Driller: Brandon Logged By: David Klein							Boring Depth (ft): 1.5 Boring Diameter (in): 1.0 Sampling Method(s): HA - Hammer Drill Ground Surface Elev. (ft): ~30 Location (Lat, Long): 40.83450, -73.90871						
DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)		
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample			
0				HA				(0.00') Fill: Asphalt			0		
								(0.50') Fill: Poorly graded SAND (SP); fine grained, trace fine gravel, very loose, dry, brown, trace brick	0	SB-2 (0.5-1.5)			
								(1.50') Boring terminated					
5											5		
10											10		
NOTES: Refusal encountered at 1.5 feet.													

vEktor consultants				Client: First Class Management & Development, LLC				BORING LOG							
				Project: 1301-1321 Webster Avenue				Boring No. SB-3							
				Address: 1301-1321 Webster Avenue, Bronx, NY				Page: 1 of 1							
Drilling Start Date: 7/3/2024								Boring Depth (ft): 1.5							
Drilling End Date: 7/3/2024								Boring Diameter (in): 1.0							
Drilling Company: Coastal Environmental Solutions, Inc								Sampling Method(s): HA - Hammer Drill							
Drilling Method: Cable Tool								Ground Surface Elev. (ft): ~30							
Drilling Equipment: Portable Hammer Drill								Location (Lat, Long): 40.83451, -73.90863							
Driller: Brandon															
Logged By: David Klein															
DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)				
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample					
0				HA				(0.00') Fill: Asphalt			0				
								(0.50') Fill: Poorly graded SAND (SP); fine grained, trace fine gravel, very loose, dry, brown, trace brick	0	SB-3 (0-1.5)					
								(1.50') Boring terminated							
5											5				
10											10				
NOTES: Refusal encountered at 1.5 feet.															

vEktor consultants				Client: First Class Management & Development, LLC Project: 1301-1321 Webster Avenue Address: 1301-1321 Webster Avenue, Bronx, NY				BORING LOG Boring No. SB-4 Page: 1 of 1							
Drilling Start Date: 7/3/2024 Drilling End Date: 7/3/2024 Drilling Company: Coastal Environmental Solutions, Inc Drilling Method: Direct Push Drilling Equipment: 7822DT Geoprobe Driller: Brandon Logged By: David Klein								Boring Depth (ft): 5 Boring Diameter (in): 2.5 Sampling Method(s): Direct Push Ground Surface Elev. (ft): ~30 Location (Lat, Long): 40.83444, -73.90877							
DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT				SOIL/ROCK VISUAL DESCRIPTION	MEASURE		DEPTH (ft)				
				Sample Type	Time	Blow Counts	Recovery (ft)		PID (ppm)	Lab Sample					
0				DP				(0.00') Fill: Asphalt			0				
								(0.50') Fill: Poorly graded SAND with gravel (SP); fine-medium grained, some fine gravel, trace silt, very loose, dry, dark brown, trace brick	3.6	SB-4 (1-2)					
								(2.00') Poorly graded SAND (SP); fine grained, trace fine gravel, some silt, very loose, dry, dark brown, trace medium-coarse sand	0.5						
5								(5.00') Boring terminated			5				
10											10				
NOTES: Refusal encountered at 5 feet.															

APPENDIX B

SOIL VAPOR SAMPLING LOG

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Soil Vapor Sampling Log
1321 Webster Avenue, Bronx, NY 10456

Sample Date	Sample ID	Canister ID	Flow Controller ID	Canister Pressure in Field ('Hg') Start	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Start Sampling Date	Stop Sampling Time	Stop Sampling Date
6/14/24	SV-1	14193	19407	~30	~9	10:06	6/14/24	14:06	6/14/24
6/14/24	SV-2	34496	19413	~30	~8	10:14	6/14/24	14:14	6/14/24
6/14/24	OA-1	10044	20411	~30	~8	10:11	6/14/24	14:11	6/14/24
7/3/24	SV-3	37004	7077	~30	~3.5	9:58	7/3/24	13:58	7/3/24
7/3/24	SV-4	28314	19413	~30	~3.5	9:59	7/3/24	13:59	7/3/24
7/3/24	SV-5	42997	19392	~30	~3.5	10:00	7/3/24	14:00	7/3/24
7/3/24	SV-6	42884	17189	~30	~3.5	9:52	7/3/24	13:52	7/3/24
7/3/24	SV-7	37386	12191	~30	~3.5	9:55	7/3/24	13:55	7/3/24
7/3/24	SV-8	41936	20957	~30	~3.5	9:56	7/3/24	13:56	7/3/24
7/3/24	AA-1	15308	19383	~30	~3.5	9:57	7/3/24	13:57	7/3/24

APPENDIX C

LABORATORY ANALYTICAL REPORT FOR SOIL SAMPLES

DRAFT



Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 07/09/2024
Client Project ID: 1321 Webster Ave Bronx, NY
York Project (SDG) No.: 24G0290

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 1205

PA Cert. No. 68-04440



Report Date: 07/09/2024
Client Project ID: 1321 Webster Ave Bronx, NY
York Project (SDG) No.: 24G0290

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 July 03, 2024 and listed below. The project was identified as your project: **1321 Webster Ave Bronx, NY**.

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>
24G0290-01	SB-1 (0.5-1.5)	Soil	07/03/2024	07/03/2024
24G0290-02	SB-2 (0.5-1.5)	Soil	07/03/2024	07/03/2024
24G0290-03	SB-3 (0.5-1.5)	Soil	07/03/2024	07/03/2024
24G0290-04	SB-4 (1-2)	Soil	07/03/2024	07/03/2024

General Notes for York Project (SDG) No.: 24G0290

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/09/2024





Sample Information

Client Sample ID: SB-1 (0.5-1.5)

York Sample ID: 24G0290-01

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/05/2024 09:00	07/05/2024 18:27	ME
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME



Sample Information

Client Sample ID: SB-1 (0.5-1.5)

York Sample ID: 24G0290-01

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
67-64-1	Acetone	ND	ICVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
107-02-8	Acrolein	ND	ICVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME



Sample Information

Client Sample ID: SB-1 (0.5-1.5)

York Sample ID: 24G0290-01

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:27	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
127-18-4	Tetrachloroethylene	140		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	07/05/2024 09:00	07/05/2024 18:27	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:27	ME



Sample Information

<u>Client Sample ID:</u> SB-1 (0.5-1.5)			<u>York Sample ID:</u> 24G0290-01	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24G0290	1321 Webster Ave Bronx, NY	Soil	July 3, 2024 11:30 am	07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D	07/05/2024 09:00	07/05/2024 18:27	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D	07/05/2024 09:00	07/05/2024 18:27	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260D	07/05/2024 09:00	07/05/2024 18:27	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %									
2037-26-5	Surrogate: SURR: Toluene-d8	100 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %									

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.6		%	0.100	1	SM 2540G	07/08/2024 06:59	07/08/2024 10:51	HLY
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-2 (0.5-1.5)

York Sample ID: 24G0290-02

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/05/2024 09:00	07/05/2024 18:55	ME
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME



Sample Information

Client Sample ID: SB-2 (0.5-1.5)

York Sample ID: 24G0290-02

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
67-64-1	Acetone	7.9	J, ICVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
107-02-8	Acrolein	ND	ICVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME



Sample Information

Client Sample ID: SB-2 (0.5-1.5)

York Sample ID: 24G0290-02

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 18:55	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
127-18-4	Tetrachloroethylene	25		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	07/05/2024 09:00	07/05/2024 18:55	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 18:55	ME



Sample Information

<u>Client Sample ID:</u> SB-2 (0.5-1.5)		<u>York Sample ID:</u> 24G0290-02		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24G0290	1321 Webster Ave Bronx, NY	Soil	July 3, 2024 11:30 am	07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D	07/05/2024 09:00	07/05/2024 18:55	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
								EPA 8260D	07/05/2024 09:00	07/05/2024 18:55	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260D	07/05/2024 09:00	07/05/2024 18:55	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 06:59	07/08/2024 10:51	HLY



Sample Information

Client Sample ID: SB-3 (0.5-1.5)

York Sample ID: 24G0290-03

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/05/2024 09:00	07/05/2024 19:23	ME
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	33	66	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME



Sample Information

Client Sample ID: SB-3 (0.5-1.5)

York Sample ID: 24G0290-03

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
67-64-1	Acetone	4.1	J, ICVE	ug/kg dry	3.3	6.6	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
107-02-8	Acrolein	ND	ICVE	ug/kg dry	3.3	6.6	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
71-43-2	Benzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME



Sample Information

Client Sample ID: SB-3 (0.5-1.5)

York Sample ID: 24G0290-03

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.3	6.6	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
100-42-5	Styrene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:23	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
127-18-4	Tetrachloroethylene	3.6		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
108-88-3	Toluene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	07/05/2024 09:00	07/05/2024 19:23	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:23	ME



Sample Information

Client Sample ID: SB-3 (0.5-1.5)

York Sample ID: 24G0290-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0290

1321 Webster Ave Bronx, NY

Soil

July 3, 2024 11:30 am

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260D	07/05/2024 09:00	07/05/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.3	1	EPA 8260D	07/05/2024 09:00	07/05/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.0	9.9	1	EPA 8260D	07/05/2024 09:00	07/05/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/08/2024 06:59	07/08/2024 10:51	HLY



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/05/2024 09:00	07/05/2024 19:50	ME
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
67-64-1	Acetone	ND	ICVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
107-02-8	Acrolein	ND	ICVE	ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/05/2024 09:00	07/05/2024 19:50	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
127-18-4	Tetrachloroethylene	190		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	07/05/2024 09:00	07/05/2024 19:50	ME
79-01-6	Trichloroethylene	3.5	J	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/05/2024 09:00	07/05/2024 19:50	ME
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	115 %			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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	743	1480	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/05/2024 09:42	07/08/2024 19:08	LL
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/kg dry	372	743	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	743	1480	10	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/05/2024 09:42	07/08/2024 19:08	LL
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/05/2024 09:42	07/08/2024 19:08	LL
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/05/2024 09:42	07/08/2024 19:08	LL
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	372	743	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/05/2024 09:42	07/08/2024 19:08	LL
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/kg dry	372	743	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/05/2024 09:42	07/08/2024 19:08	LL
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	743	1480	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/05/2024 09:42	07/08/2024 19:08	LL



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	725	J	ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/kg dry	1490	2980	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

24G0290

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil

Collection Date/Time

July 3, 2024 11:30 am

Date Received

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	546	J	ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	ug/kg dry	1490	2980	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	2140		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	2180		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	3060		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	1860		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	968		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	392	J	ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	2030		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	410	J	ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: SB-4 (1-2)		York Sample ID: 24G0290-04			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24G0290	1321 Webster Ave Bronx, NY	Soil	July 3, 2024 11:30 am	07/03/2024	

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		ug/kg dry	743	1480	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:			
206-44-0	Fluoranthene	4710		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	1870		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	1860		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	3520		ug/kg dry	372	743	10	EPA 8270E	07/05/2024 09:42	07/08/2024 19:08	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-4 (1-2)

York Sample ID: 24G0290-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0290

1321 Webster Ave Bronx, NY

Soil

July 3, 2024 11:30 am

07/03/2024

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	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.7 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	47.1 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	64.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.8 %			24-116						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G	07/08/2024 06:59	07/08/2024 10:51	HLY
							Certifications:	CTDOH-PH-0723		



Analytical Batch Summary

Batch ID: BG40356

Preparation Method: EPA 3550C

Prepared By: kaz

YORK Sample ID	Client Sample ID	Preparation Date
24G0290-04	SB-4 (1-2)	07/05/24
BG40356-BLK1	Blank	07/05/24
BG40356-BS1	LCS	07/05/24
BG40356-MS1	Matrix Spike	07/05/24
BG40356-MSD1	Matrix Spike Dup	07/05/24

Batch ID: BG40360

Preparation Method: EPA 5035A

Prepared By: me

YORK Sample ID	Client Sample ID	Preparation Date
24G0290-01	SB-1 (0.5-1.5)	07/05/24
24G0290-02	SB-2 (0.5-1.5)	07/05/24
24G0290-03	SB-3 (0.5-1.5)	07/05/24
24G0290-04	SB-4 (1-2)	07/05/24
BG40360-BLK1	Blank	07/05/24
BG40360-BLK2	Blank	07/05/24
BG40360-BS1	LCS	07/05/24
BG40360-BS2	LCS	07/05/24
BG40360-BSD1	LCS Dup	07/05/24
BG40360-BSD2	LCS Dup	07/05/24

Batch ID: BG40418

Preparation Method: % Solids Prep

Prepared By: HLY

YORK Sample ID	Client Sample ID	Preparation Date
24G0290-01	SB-1 (0.5-1.5)	07/08/24
24G0290-02	SB-2 (0.5-1.5)	07/08/24
24G0290-03	SB-3 (0.5-1.5)	07/08/24
24G0290-04	SB-4 (1-2)	07/08/24
BG40418-DUP1	Duplicate	07/08/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40360 - EPA 5035A

Blank (BG40360-BLK1)

Prepared & Analyzed: 07/05/2024

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Cyclohexane	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40360 - EPA 5035A

Blank (BG40360-BLK1)

Prepared & Analyzed: 07/05/2024

Methylcyclohexane	ND	5.0	ug/kg wet
Methylene chloride	11	10	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
trans-1,4-dichloro-2-butene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: SURR: 48.5 ug/L 50.0 97.0 77-125

1,2-Dichloroethane-d4

Surrogate: SURR: Toluene-d8 49.0 " 50.0 98.0 85-120

Surrogate: SURR: 53.8 " 50.0 108 76-130

p-Bromofluorobenzene

Blank (BG40360-BLK2)

Prepared & Analyzed: 07/05/2024

1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet
1,1,1-Trichloroethane	ND	500	"
1,1,2,2-Tetrachloroethane	ND	500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"
1,1,2-Trichloroethane	ND	500	"
1,1-Dichloroethane	ND	500	"
1,1-Dichloroethylene	ND	500	"
1,2,3-Trichlorobenzene	ND	500	"
1,2,3-Trichloropropane	ND	500	"
1,2,4-Trichlorobenzene	ND	500	"
1,2,4-Trimethylbenzene	ND	500	"
1,2-Dibromo-3-chloropropane	ND	500	"
1,2-Dibromoethane	ND	500	"
1,2-Dichlorobenzene	ND	500	"
1,2-Dichloroethane	ND	500	"
1,2-Dichloropropane	ND	500	"
1,3,5-Trimethylbenzene	ND	500	"
1,3-Dichlorobenzene	ND	500	"
1,4-Dichlorobenzene	ND	500	"
1,4-Dioxane	ND	10000	"
2-Butanone	ND	500	"
2-Hexanone	ND	500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40360 - EPA 5035A

Blank (BG40360-BLK2)

Prepared & Analyzed: 07/05/2024

4-Methyl-2-pentanone	ND	500	ug/kg wet								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	1100	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								

Surrogate: SURR: 49.0 ug/L 50.0 97.9 77-125

1,2-Dichloroethane-d4

Surrogate: SURR: Toluene-d8 49.7 " 50.0 99.3 85-120



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40360 - EPA 5035A											
Blank (BG40360-BLK2)						Prepared & Analyzed: 07/05/2024					
Surrogate: SURR:	56.7		ug/L	50.0		113	76-130				
<i>p</i> -Bromofluorobenzene											
LCS (BG40360-BS1)						Prepared & Analyzed: 07/05/2024					
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	51		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		95.9	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.9	83-123				
1,1-Dichloroethane	48		"	50.0		96.5	75-130				
1,1-Dichloroethylene	49		"	50.0		98.5	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.9	81-140				
1,2,3-Trichloropropane	52		"	50.0		104	81-126				
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		107	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		96.3	74-142				
1,2-Dibromoethane	52		"	50.0		103	86-123				
1,2-Dichlorobenzene	50		"	50.0		101	85-122				
1,2-Dichloroethane	51		"	50.0		101	71-133				
1,2-Dichloropropane	50		"	50.0		100	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126				
1,3-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dichlorobenzene	51		"	50.0		101	84-124				
1,4-Dioxane	1100		"	1050		102	10-228				
2-Butanone	53		"	50.0		105	58-147				
2-Hexanone	48		"	50.0		96.8	70-139				
4-Methyl-2-pentanone	49		"	50.0		97.7	72-132				
Acetone	36		"	50.0		72.3	36-155				
Acrolein	32		"	50.0		64.9	10-238				
Acrylonitrile	51		"	50.0		103	66-141				
Benzene	52		"	50.0		105	77-127				
Bromochloromethane	48		"	50.0		96.4	74-129				
Bromodichloromethane	50		"	50.0		99.4	81-124				
Bromoform	51		"	50.0		103	80-136				
Bromomethane	49		"	50.0		98.4	32-177				
Carbon disulfide	48		"	50.0		95.6	10-136				
Carbon tetrachloride	51		"	50.0		102	66-143				
Chlorobenzene	51		"	50.0		102	86-120				
Chloroethane	57		"	50.0		115	51-142				
Chloroform	51		"	50.0		101	76-131				
Chloromethane	55		"	50.0		110	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		98.7	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.1	81-129				
Cyclohexane	46		"	50.0		92.5	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	50		"	50.0		100	83-124				
Dichlorodifluoromethane	53		"	50.0		105	28-158				
Ethyl Benzene	52		"	50.0		104	84-125				
Hexachlorobutadiene	50		"	50.0		100	83-133				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BG40360 - EPA 5035A

LCS (BG40360-BS1)

Prepared & Analyzed: 07/05/2024

Isopropylbenzene	55		ug/L	50.0		111	81-127				
Methyl acetate	42		"	50.0		84.0	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.0	74-131				
Methylcyclohexane	48		"	50.0		95.1	70-130				
Methylene chloride	63		"	50.0		126	57-141				
n-Butylbenzene	51		"	50.0		102	80-130				
n-Propylbenzene	53		"	50.0		106	74-136				
o-Xylene	51		"	50.0		103	83-123				
p- & m- Xylenes	100		"	100		102	82-128				
p-Isopropyltoluene	54		"	50.0		107	85-125				
sec-Butylbenzene	54		"	50.0		107	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	240		"	250		97.4	70-130				
tert-Butylbenzene	54		"	50.0		108	80-127				
Tetrachloroethylene	40		"	50.0		80.1	80-129				
Toluene	51		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		99.2	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		107	75-135				
Trichloroethylene	50		"	50.0		99.1	84-123				
Trichlorofluoromethane	58		"	50.0		116	62-140				
Vinyl Chloride	54		"	50.0		108	52-130				

Surrogate: SURR:

49.1

"

50.0

98.2

77-125

1,2-Dichloroethane-d4

Surrogate: SURR: Toluene-d8

49.1

"

50.0

98.3

85-120

Surrogate: SURR:

52.3

"

50.0

105

76-130

p-Bromofluorobenzene

LCS (BG40360-BS2)

Prepared & Analyzed: 07/05/2024

1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	53		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	55		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146				
1,1,2-Trichloroethane	52		"	50.0		103	83-123				
1,1-Dichloroethane	51		"	50.0		102	75-130				
1,1-Dichloroethylene	50		"	50.0		101	64-137				
1,2,3-Trichlorobenzene	57		"	50.0		114	81-140				
1,2,3-Trichloropropane	54		"	50.0		107	81-126				
1,2,4-Trichlorobenzene	58		"	50.0		116	80-141				
1,2,4-Trimethylbenzene	58		"	50.0		117	84-125				
1,2-Dibromo-3-chloropropane	56		"	50.0		112	74-142				
1,2-Dibromoethane	55		"	50.0		110	86-123				
1,2-Dichlorobenzene	53		"	50.0		106	85-122				
1,2-Dichloroethane	53		"	50.0		107	71-133				
1,2-Dichloropropane	53		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	60		"	50.0		120	82-126				
1,3-Dichlorobenzene	54		"	50.0		109	84-124				
1,4-Dichlorobenzene	53		"	50.0		106	84-124				
1,4-Dioxane	1100		"	1050		101	10-228				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40360 - EPA 5035A

LCS (BG40360-BS2)

Prepared & Analyzed: 07/05/2024

2-Butanone	56		ug/L	50.0		112	58-147				
2-Hexanone	49		"	50.0		97.4	70-139				
4-Methyl-2-pentanone	50		"	50.0		99.5	72-132				
Acetone	44		"	50.0		87.0	36-155				
Acrolein	37		"	50.0		74.1	10-238				
Acrylonitrile	51		"	50.0		102	66-141				
Benzene	54		"	50.0		109	77-127				
Bromochloromethane	50		"	50.0		100	74-129				
Bromodichloromethane	54		"	50.0		108	81-124				
Bromoform	49		"	50.0		97.3	80-136				
Bromomethane	61		"	50.0		123	32-177				
Carbon disulfide	50		"	50.0		99.4	10-136				
Carbon tetrachloride	55		"	50.0		110	66-143				
Chlorobenzene	53		"	50.0		107	86-120				
Chloroethane	48		"	50.0		96.9	51-142				
Chloroform	52		"	50.0		104	76-131				
Chloromethane	48		"	50.0		96.6	49-132				
cis-1,2-Dichloroethylene	52		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		105	81-129				
Cyclohexane	48		"	50.0		96.5	70-130				
Dibromochloromethane	54		"	50.0		109	10-200				
Dibromomethane	53		"	50.0		106	83-124				
Dichlorodifluoromethane	52		"	50.0		105	28-158				
Ethyl Benzene	55		"	50.0		109	84-125				
Hexachlorobutadiene	54		"	50.0		107	83-133				
Isopropylbenzene	61		"	50.0		121	81-127				
Methyl acetate	44		"	50.0		88.6	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131				
Methyleyclohexane	50		"	50.0		99.1	70-130				
Methylene chloride	68		"	50.0		136	57-141				
n-Butylbenzene	56		"	50.0		112	80-130				
n-Propylbenzene	59		"	50.0		119	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	110		"	100		107	82-128				
p-Isopropyltoluene	58		"	50.0		117	85-125				
sec-Butylbenzene	58		"	50.0		115	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	240		"	250		94.6	70-130				
tert-Butylbenzene	57		"	50.0		115	80-127				
Tetrachloroethylene	40		"	50.0		79.8	80-129	Low Bias			
Toluene	54		"	50.0		109	85-121				
trans-1,2-Dichloroethylene	52		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	54		"	50.0		109	78-132				
trans-1,4-dichloro-2-butene	57		"	50.0		114	75-135				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	59		"	50.0		118	62-140				
Vinyl Chloride	54		"	50.0		109	52-130				

Surrogate: SURR:

49.9

"

50.0

99.9

77-125

1,2-Dichloroethane-d4





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
Batch BG40360 - EPA 5035A										
LCS (BG40360-BS2)						Prepared & Analyzed: 07/05/2024				
Surrogate: SURR: Toluene-d8	50.3		ug/L	50.0	101	85-120				
Surrogate: SURR:	53.3		"	50.0	107	76-130				
<i>p</i> -Bromofluorobenzene										
LCS Dup (BG40360-BSD1)						Prepared & Analyzed: 07/05/2024				
1,1,1,2-Tetrachloroethane	55		ug/L	50.0	110	75-129		7.94	30	
1,1,1-Trichloroethane	54		"	50.0	108	71-137		6.23	30	
1,1,2,2-Tetrachloroethane	57		"	50.0	115	79-129		6.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0	103	58-146		6.97	30	
1,1,2-Trichloroethane	54		"	50.0	108	83-123		8.54	30	
1,1-Dichloroethane	52		"	50.0	104	75-130		7.41	30	
1,1-Dichloroethylene	54		"	50.0	107	64-137		8.61	30	
1,2,3-Trichlorobenzene	53		"	50.0	105	81-140		7.11	30	
1,2,3-Trichloropropane	58		"	50.0	116	81-126		10.8	30	
1,2,4-Trichlorobenzene	53		"	50.0	107	80-141		8.64	30	
1,2,4-Trimethylbenzene	58		"	50.0	116	84-125		7.99	30	
1,2-Dibromo-3-chloropropane	50		"	50.0	100	74-142		3.79	30	
1,2-Dibromoethane	54		"	50.0	108	86-123		4.81	30	
1,2-Dichlorobenzene	54		"	50.0	107	85-122		6.35	30	
1,2-Dichloroethane	53		"	50.0	106	71-133		4.88	30	
1,2-Dichloropropane	54		"	50.0	107	81-122		6.50	30	
1,3,5-Trimethylbenzene	58		"	50.0	116	82-126		7.08	30	
1,3-Dichlorobenzene	55		"	50.0	109	84-124		8.01	30	
1,4-Dichlorobenzene	54		"	50.0	108	84-124		6.15	30	
1,4-Dioxane	1100		"	1050	106	10-228		3.34	30	
2-Butanone	56		"	50.0	111	58-147		5.53	30	
2-Hexanone	52		"	50.0	104	70-139		7.21	30	
4-Methyl-2-pentanone	52		"	50.0	104	72-132		6.28	30	
Acetone	38		"	50.0	76.6	36-155		5.83	30	
Acrolein	34		"	50.0	67.1	10-238		3.39	30	
Acrylonitrile	51		"	50.0	103	66-141		0.253	30	
Benzene	56		"	50.0	112	77-127		6.51	30	
Bromochloromethane	50		"	50.0	100	74-129		4.07	30	
Bromodichloromethane	54		"	50.0	107	81-124		7.42	30	
Bromoform	54		"	50.0	108	80-136		5.19	30	
Bromomethane	52		"	50.0	105	32-177		6.11	30	
Carbon disulfide	51		"	50.0	102	10-136		6.48	30	
Carbon tetrachloride	55		"	50.0	110	66-143		7.47	30	
Chlorobenzene	55		"	50.0	110	86-120		6.85	30	
Chloroethane	59		"	50.0	118	51-142		3.09	30	
Chloroform	54		"	50.0	108	76-131		6.09	30	
Chloromethane	56		"	50.0	111	49-132		1.01	30	
cis-1,2-Dichloroethylene	54		"	50.0	107	74-132		8.14	30	
cis-1,3-Dichloropropylene	54		"	50.0	108	81-129		8.45	30	
Cyclohexane	49		"	50.0	98.4	70-130		6.16	30	
Dibromochloromethane	55		"	50.0	110	10-200		7.58	30	
Dibromomethane	52		"	50.0	104	83-124		3.86	30	
Dichlorodifluoromethane	55		"	50.0	110	28-158		4.39	30	
Ethyl Benzene	55		"	50.0	111	84-125		6.63	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BG40360 - EPA 5035A											
LCS Dup (BG40360-BSD1)						Prepared & Analyzed: 07/05/2024					
Hexachlorobutadiene	53		ug/L	50.0		106	83-133		5.89	30	
Isopropylbenzene	60		"	50.0		119	81-127		7.58	30	
Methyl acetate	46		"	50.0		91.9	41-143		8.98	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		103	74-131		5.01	30	
Methylcyclohexane	51		"	50.0		102	70-130		7.18	30	
Methylene chloride	63		"	50.0		126	57-141		0.0318	30	
n-Butylbenzene	55		"	50.0		109	80-130		7.08	30	
n-Propylbenzene	57		"	50.0		114	74-136		7.18	30	
o-Xylene	55		"	50.0		110	83-123		6.48	30	
p- & m- Xylenes	110		"	100		110	82-128		6.96	30	
p-Isopropyltoluene	58		"	50.0		115	85-125		7.45	30	
sec-Butylbenzene	57		"	50.0		113	83-125		5.69	30	
Styrene	56		"	50.0		112	86-126		7.42	30	
tert-Butyl alcohol (TBA)	260		"	250		104	70-130		6.33	30	
tert-Butylbenzene	57		"	50.0		115	80-127		6.48	30	
Tetrachloroethylene	43		"	50.0		86.9	80-129		8.10	30	
Toluene	55		"	50.0		110	85-121		6.95	30	
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132		6.25	30	
trans-1,3-Dichloropropylene	54		"	50.0		108	78-132		6.82	30	
trans-1,4-dichloro-2-butene	57		"	50.0		114	75-135		6.81	30	
Trichloroethylene	54		"	50.0		107	84-123		8.00	30	
Trichlorofluoromethane	61		"	50.0		122	62-140		5.20	30	
Vinyl Chloride	57		"	50.0		114	52-130		5.30	30	
Surrogate: SURR:	48.8		"	50.0		97.5	77-125				
1,2-Dichloroethane-d4											
Surrogate: SURR: Toluene-d8	49.3		"	50.0		98.6	85-120				
Surrogate: SURR:	53.1		"	50.0		106	76-130				
p-Bromofluorobenzene											
LCS Dup (BG40360-BSD2)						Prepared & Analyzed: 07/05/2024					
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		3.70	30	
1,1,1-Trichloroethane	50		"	50.0		99.3	71-137		6.07	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		3.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.4	58-146		6.86	30	
1,1,2-Trichloroethane	50		"	50.0		99.5	83-123		3.69	30	
1,1-Dichloroethane	48		"	50.0		95.4	75-130		6.94	30	
1,1-Dichloroethylene	48		"	50.0		95.7	64-137		5.35	30	
1,2,3-Trichlorobenzene	55		"	50.0		109	81-140		4.32	30	
1,2,3-Trichloropropane	51		"	50.0		103	81-126		4.27	30	
1,2,4-Trichlorobenzene	56		"	50.0		112	80-141		3.30	30	
1,2,4-Trimethylbenzene	56		"	50.0		113	84-125		3.61	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		103	74-142		8.90	30	
1,2-Dibromoethane	52		"	50.0		104	86-123		5.74	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-122		4.62	30	
1,2-Dichloroethane	50		"	50.0		99.5	71-133		7.09	30	
1,2-Dichloropropane	51		"	50.0		101	81-122		5.18	30	
1,3,5-Trimethylbenzene	57		"	50.0		114	82-126		4.87	30	
1,3-Dichlorobenzene	51		"	50.0		103	84-124		5.66	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		3.78	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40360 - EPA 5035A											
LCS Dup (BG40360-BSD2)											
Prepared & Analyzed: 07/05/2024											
1,4-Dioxane	1000		ug/L	1050		98.0	10-228		3.14	30	
2-Butanone	53		"	50.0		106	58-147		5.44	30	
2-Hexanone	47		"	50.0		94.1	70-139		3.49	30	
4-Methyl-2-pentanone	47		"	50.0		94.6	72-132		5.03	30	
Acetone	41		"	50.0		82.7	36-155		5.11	30	
Acrolein	34		"	50.0		68.1	10-238		8.47	30	
Acrylonitrile	51		"	50.0		103	66-141		0.586	30	
Benzene	51		"	50.0		101	77-127		7.09	30	
Bromochloromethane	47		"	50.0		94.3	74-129		6.21	30	
Bromodichloromethane	51		"	50.0		102	81-124		5.58	30	
Bromoform	47		"	50.0		93.5	80-136		3.96	30	
Bromomethane	57		"	50.0		115	32-177		6.57	30	
Carbon disulfide	46		"	50.0		92.9	10-136		6.84	30	
Carbon tetrachloride	52		"	50.0		103	66-143		6.43	30	
Chlorobenzene	51		"	50.0		102	86-120		4.81	30	
Chloroethane	45		"	50.0		89.2	51-142		8.32	30	
Chloroform	49		"	50.0		98.4	76-131		6.05	30	
Chloromethane	45		"	50.0		89.1	49-132		8.08	30	
cis-1,2-Dichloroethylene	49		"	50.0		98.9	74-132		5.79	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		4.12	30	
Cyclohexane	44		"	50.0		89.0	70-130		8.13	30	
Dibromochloromethane	51		"	50.0		103	10-200		5.71	30	
Dibromomethane	51		"	50.0		102	83-124		4.06	30	
Dichlorodifluoromethane	49		"	50.0		97.3	28-158		7.19	30	
Ethyl Benzene	52		"	50.0		104	84-125		5.07	30	
Hexachlorobutadiene	52		"	50.0		103	83-133		3.80	30	
Isopropylbenzene	57		"	50.0		114	81-127		6.36	30	
Methyl acetate	42		"	50.0		83.6	41-143		5.83	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.0	74-131		6.39	30	
Methylcyclohexane	47		"	50.0		93.7	70-130		5.66	30	
Methylene chloride	63		"	50.0		127	57-141		6.86	30	
n-Butylbenzene	54		"	50.0		108	80-130		4.01	30	
n-Propylbenzene	56		"	50.0		112	74-136		6.08	30	
o-Xylene	50		"	50.0		101	83-123		5.17	30	
p- & m- Xylenes	100		"	100		101	82-128		5.32	30	
p-Isopropyltoluene	55		"	50.0		111	85-125		5.34	30	
sec-Butylbenzene	55		"	50.0		110	83-125		4.79	30	
Styrene	50		"	50.0		101	86-126		5.18	30	
tert-Butyl alcohol (TBA)	220		"	250		89.2	70-130		5.85	30	
tert-Butylbenzene	54		"	50.0		108	80-127		5.58	30	
Tetrachloroethylene	39		"	50.0		77.4	80-129	Low Bias	3.05	30	
Toluene	51		"	50.0		102	85-121		6.33	30	
trans-1,2-Dichloroethylene	48		"	50.0		96.3	72-132		7.17	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132		4.91	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		5.19	30	
Trichloroethylene	50		"	50.0		99.4	84-123		6.16	30	
Trichlorofluoromethane	55		"	50.0		109	62-140		7.45	30	
Vinyl Chloride	51		"	50.0		102	52-130		6.55	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40360 - EPA 5035A

LCS Dup (BG40360-BSD2)

Prepared & Analyzed: 07/05/2024

Surrogate: SURR:	49.0		ug/L	50.0		98.0	77-125				
1,2-Dichloroethane-d4											
Surrogate: SURR: Toluene-d8	50.3		"	50.0		101	85-120				
Surrogate: SURR:	53.2		"	50.0		106	76-130				
p-Bromofluorobenzene											



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40356 - EPA 3550C

Blank (BG40356-BLK1)

Prepared: 07/05/2024 Analyzed: 07/08/2024

1,1-Biphenyl	ND	41.6	ug/kg wet
1,2,4,5-Tetrachlorobenzene	ND	83.0	"
1,2,4-Trichlorobenzene	ND	41.6	"
1,2-Dichlorobenzene	ND	41.6	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.6	"
1,3-Dichlorobenzene	ND	41.6	"
1,4-Dichlorobenzene	ND	41.6	"
2,3,4,6-Tetrachlorophenol	ND	83.0	"
2,4,5-Trichlorophenol	ND	41.6	"
2,4,6-Trichlorophenol	ND	41.6	"
2,4-Dichlorophenol	ND	41.6	"
2,4-Dimethylphenol	ND	41.6	"
2,4-Dinitrophenol	ND	83.0	"
2,4-Dinitrotoluene	ND	41.6	"
2,6-Dinitrotoluene	ND	41.6	"
2-Chloronaphthalene	ND	41.6	"
2-Chlorophenol	ND	41.6	"
2-Methylnaphthalene	ND	41.6	"
2-Methylphenol	ND	41.6	"
2-Nitroaniline	ND	83.0	"
2-Nitrophenol	ND	41.6	"
3- & 4-Methylphenols	ND	41.6	"
3,3-Dichlorobenzidine	ND	41.6	"
3-Nitroaniline	ND	83.0	"
4,6-Dinitro-2-methylphenol	ND	83.0	"
4-Bromophenyl phenyl ether	ND	41.6	"
4-Chloro-3-methylphenol	ND	41.6	"
4-Chloroaniline	ND	41.6	"
4-Chlorophenyl phenyl ether	ND	41.6	"
4-Nitroaniline	ND	83.0	"
4-Nitrophenol	ND	83.0	"
Acenaphthene	ND	41.6	"
Acenaphthylene	ND	41.6	"
Acetophenone	ND	41.6	"
Aniline	ND	166	"
Anthracene	ND	41.6	"
Atrazine	ND	41.6	"
Benzaldehyde	ND	41.6	"
Benzidine	ND	166	"
Benzo(a)anthracene	ND	41.6	"
Benzo(a)pyrene	ND	41.6	"
Benzo(b)fluoranthene	ND	41.6	"
Benzo(g,h,i)perylene	ND	41.6	"
Benzo(k)fluoranthene	ND	41.6	"
Benzoic acid	ND	41.6	"
Benzyl alcohol	ND	41.6	"
Benzyl butyl phthalate	ND	41.6	"
Bis(2-chloroethoxy)methane	ND	41.6	"
Bis(2-chloroethyl)ether	ND	41.6	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40356 - EPA 3550C

Blank (BG40356-BLK1)

Prepared: 07/05/2024 Analyzed: 07/08/2024

Bis(2-chloroisopropyl)ether	ND	41.6	ug/kg wet								
Bis(2-ethylhexyl)phthalate	ND	41.6	"								
Caprolactam	ND	83.0	"								
Carbazole	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Diethyl phthalate	ND	41.6	"								
Dimethyl phthalate	ND	41.6	"								
Di-n-butyl phthalate	ND	41.6	"								
Di-n-octyl phthalate	ND	41.6	"								
Diphenylamine	ND	83.0	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Hexachlorobutadiene	ND	41.6	"								
Hexachlorocyclopentadiene	ND	41.6	"								
Hexachloroethane	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Isophorone	ND	41.6	"								
Naphthalene	ND	41.6	"								
Nitrobenzene	ND	41.6	"								
N-Nitrosodimethylamine	ND	41.6	"								
N-nitroso-di-n-propylamine	ND	41.6	"								
N-Nitrosodiphenylamine	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	934		"	1660		56.2	20-108				
Surrogate: SURR: Phenol-d6	847		"	1660		51.0	23-114				
Surrogate: SURR: Nitrobenzene-d5	501		"	831		60.3	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	452		"	831		54.5	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1280		"	1660		77.2	19-110				
Surrogate: SURR: Terphenyl-d14	478		"	831		57.6	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40356 - EPA 3550C											
LCS (BG40356-BS1)						Prepared: 07/05/2024 Analyzed: 07/08/2024					
1,1-Biphenyl	752	41.6	ug/kg wet	831		90.6	18-111				
1,2,4,5-Tetrachlorobenzene	639	83.0	"	831		77.0	21-131				
1,2,4-Trichlorobenzene	546	41.6	"	831		65.8	10-140				
1,2-Dichlorobenzene	524	41.6	"	831		63.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	479	41.6	"	831		57.6	17-137				
1,3-Dichlorobenzene	527	41.6	"	831		63.4	33-110				
1,4-Dichlorobenzene	529	41.6	"	831		63.7	32-104				
2,3,4,6-Tetrachlorophenol	644	83.0	"	831		77.5	30-130				
2,4,5-Trichlorophenol	596	41.6	"	831		71.8	27-118				
2,4,6-Trichlorophenol	640	41.6	"	831		77.0	31-120				
2,4-Dichlorophenol	586	41.6	"	831		70.6	20-127				
2,4-Dimethylphenol	388	41.6	"	831		46.7	14-132				
2,4-Dinitrophenol	1460	83.0	"	831		176	10-171	High Bias			
2,4-Dinitrotoluene	826	41.6	"	831		99.5	34-131				
2,6-Dinitrotoluene	811	41.6	"	831		97.6	31-128				
2-Chloronaphthalene	533	41.6	"	831		64.2	31-117				
2-Chlorophenol	561	41.6	"	831		67.5	33-113				
2-Methylnaphthalene	552	41.6	"	831		66.5	12-138				
2-Methylphenol	518	41.6	"	831		62.3	10-136				
2-Nitroaniline	762	83.0	"	831		91.8	27-132				
2-Nitrophenol	849	41.6	"	831		102	17-129				
3- & 4-Methylphenols	466	41.6	"	831		56.1	29-103				
3,3-Dichlorobenzidine	1040	41.6	"	831		126	22-149				
3-Nitroaniline	597	83.0	"	831		71.8	20-133				
4,6-Dinitro-2-methylphenol	1430	83.0	"	831		173	10-143	High Bias			
4-Bromophenyl phenyl ether	620	41.6	"	831		74.6	29-120				
4-Chloro-3-methylphenol	544	41.6	"	831		65.5	24-129				
4-Chloroaniline	449	41.6	"	831		54.0	10-132				
4-Chlorophenyl phenyl ether	557	41.6	"	831		67.0	27-124				
4-Nitroaniline	642	83.0	"	831		77.3	16-128				
4-Nitrophenol	667	83.0	"	831		80.3	10-141				
Acenaphthene	524	41.6	"	831		63.1	30-121				
Acenaphthylene	479	41.6	"	831		57.6	30-115				
Acetophenone	746	41.6	"	831		89.8	20-112				
Aniline	484	166	"	831		58.2	10-119				
Anthracene	558	41.6	"	831		67.2	34-118				
Atrazine	1050	41.6	"	831		126	26-112	High Bias			
Benzaldehyde	725	41.6	"	831		87.2	21-100				
Benzo(a)anthracene	591	41.6	"	831		71.2	32-122				
Benzo(a)pyrene	558	41.6	"	831		67.2	29-133				
Benzo(b)fluoranthene	575	41.6	"	831		69.3	25-133				
Benzo(g,h,i)perylene	555	41.6	"	831		66.8	10-143				
Benzo(k)fluoranthene	564	41.6	"	831		68.0	25-128				
Benzoic acid	1070	41.6	"	831		129	10-140				
Benzyl alcohol	535	41.6	"	831		64.4	30-115				
Benzyl butyl phthalate	862	41.6	"	831		104	26-126				
Bis(2-chloroethoxy)methane	502	41.6	"	831		60.4	19-132				
Bis(2-chloroethyl)ether	474	41.6	"	831		57.1	19-125				
Bis(2-chloroisopropyl)ether	425	41.6	"	831		51.2	20-135				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40356 - EPA 3550C

LCS (BG40356-BS1)

Prepared: 07/05/2024 Analyzed: 07/08/2024

Bis(2-ethylhexyl)phthalate	883	41.6	ug/kg wet	831		106	10-155				
Caprolactam	885	83.0	"	831		107	10-127				
Carbazole	624	41.6	"	831		75.1	35-123				
Chrysene	555	41.6	"	831		66.8	32-123				
Dibenzo(a,h)anthracene	587	41.6	"	831		70.6	10-136				
Dibenzofuran	556	41.6	"	831		67.0	29-121				
Diethyl phthalate	548	41.6	"	831		66.0	34-116				
Dimethyl phthalate	525	41.6	"	831		63.2	35-124				
Di-n-butyl phthalate	676	41.6	"	831		81.4	31-116				
Di-n-octyl phthalate	1060	41.6	"	831		127	26-136				
Diphenylamine	655	83.0	"	831		78.9	40-140				
Fluoranthene	625	41.6	"	831		75.3	33-122				
Fluorene	560	41.6	"	831		67.4	29-123				
Hexachlorobenzene	513	41.6	"	831		61.8	21-124				
Hexachlorobutadiene	540	41.6	"	831		65.0	10-149				
Hexachlorocyclopentadiene	402	41.6	"	831		48.4	10-129				
Hexachloroethane	511	41.6	"	831		61.5	28-108				
Indeno(1,2,3-cd)pyrene	639	41.6	"	831		76.9	10-135				
Isophorone	505	41.6	"	831		60.8	20-132				
Naphthalene	516	41.6	"	831		62.2	23-124				
Nitrobenzene	546	41.6	"	831		65.7	13-132				
N-Nitrosodimethylamine	544	41.6	"	831		65.5	11-129				
N-nitroso-di-n-propylamine	493	41.6	"	831		59.4	24-119				
N-Nitrosodiphenylamine	642	41.6	"	831		77.2	22-152				
Pentachlorophenol	749	41.6	"	831		90.2	10-139				
Phenanthrene	556	41.6	"	831		66.9	33-123				
Phenol	525	41.6	"	831		63.2	23-115				
Pyrene	575	41.6	"	831		69.3	32-130				
Surrogate: SURR: 2-Fluorophenol	1310		"	1660		78.8	20-108				
Surrogate: SURR: Phenol-d6	1220		"	1660		73.5	23-114				
Surrogate: SURR: Nitrobenzene-d5	691		"	831		83.2	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	629		"	831		75.8	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1800		"	1660		108	19-110				
Surrogate: SURR: Terphenyl-d14	681		"	831		82.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40356 - EPA 3550C

Matrix Spike (BG40356-MS1)		*Source sample: 24G0280-01 (Matrix Spike)						Prepared: 07/05/2024 Analyzed: 07/08/2024			
1,1-Biphenyl	555	84.1	ug/kg dry	840	ND	66.0	10-130				
1,2,4,5-Tetrachlorobenzene	462	168	"	840	ND	55.0	10-133				
1,2,4-Trichlorobenzene	404	84.1	"	840	ND	48.1	10-127				
1,2-Dichlorobenzene	389	84.1	"	840	ND	46.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	354	84.1	"	840	ND	42.2	10-144				
1,3-Dichlorobenzene	396	84.1	"	840	ND	47.1	11-111				
1,4-Dichlorobenzene	391	84.1	"	840	ND	46.6	10-106				
2,3,4,6-Tetrachlorophenol	487	168	"	840	ND	58.0	30-130				
2,4,5-Trichlorophenol	438	84.1	"	840	ND	52.2	10-127				
2,4,6-Trichlorophenol	479	84.1	"	840	ND	57.0	10-132				
2,4-Dichlorophenol	433	84.1	"	840	ND	51.5	10-128				
2,4-Dimethylphenol	279	84.1	"	840	ND	33.2	10-137				
2,4-Dinitrophenol	861	168	"	840	ND	102	10-171				
2,4-Dinitrotoluene	610	84.1	"	840	ND	72.6	16-135				
2,6-Dinitrotoluene	597	84.1	"	840	ND	71.0	18-131				
2-Chloronaphthalene	395	84.1	"	840	ND	47.0	10-129				
2-Chlorophenol	411	84.1	"	840	ND	49.0	15-116				
2-Methylnaphthalene	402	84.1	"	840	ND	47.8	10-147				
2-Methylphenol	389	84.1	"	840	ND	46.3	10-136				
2-Nitroaniline	561	168	"	840	ND	66.7	10-137				
2-Nitrophenol	606	84.1	"	840	ND	72.2	10-129				
3- & 4-Methylphenols	352	84.1	"	840	ND	41.9	10-123				
3,3-Dichlorobenzidine	739	84.1	"	840	ND	87.9	10-155				
3-Nitroaniline	471	168	"	840	ND	56.1	12-133				
4,6-Dinitro-2-methylphenol	905	168	"	840	ND	108	10-155				
4-Bromophenyl phenyl ether	454	84.1	"	840	ND	54.0	14-128				
4-Chloro-3-methylphenol	403	84.1	"	840	ND	48.0	10-134				
4-Chloroaniline	342	84.1	"	840	ND	40.7	10-145				
4-Chlorophenyl phenyl ether	415	84.1	"	840	ND	49.4	14-130				
4-Nitroaniline	487	168	"	840	ND	58.0	10-147				
4-Nitrophenol	503	168	"	840	ND	59.9	10-137				
Acenaphthene	391	84.1	"	840	ND	46.5	10-146				
Acenaphthylene	354	84.1	"	840	ND	42.1	10-134				
Acetophenone	559	84.1	"	840	ND	66.5	10-116				
Aniline	352	337	"	840	ND	41.9	10-123				
Anthracene	408	84.1	"	840	ND	48.6	10-142				
Atrazine	776	84.1	"	840	ND	92.3	19-115				
Benzaldehyde	546	84.1	"	840	ND	65.0	10-125				
Benzo(a)anthracene	444	84.1	"	840	ND	52.8	10-158				
Benzo(a)pyrene	421	84.1	"	840	ND	50.2	10-180				
Benzo(b)fluoranthene	437	84.1	"	840	ND	52.0	10-200				
Benzo(g,h,i)perylene	417	84.1	"	840	ND	49.7	10-138				
Benzo(k)fluoranthene	434	84.1	"	840	ND	51.6	10-197				
Benzoic acid	376	84.1	"	840	ND	44.7	10-166				
Benzyl alcohol	394	84.1	"	840	ND	46.9	12-124				
Benzyl butyl phthalate	637	84.1	"	840	ND	75.8	10-154				
Bis(2-chloroethoxy)methane	370	84.1	"	840	ND	44.0	10-132				
Bis(2-chloroethyl)ether	350	84.1	"	840	ND	41.7	10-119				
Bis(2-chloroisopropyl)ether	321	84.1	"	840	ND	38.2	10-139				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40356 - EPA 3550C

Matrix Spike (BG40356-MS1)	*Source sample: 24G0280-01 (Matrix Spike)						Prepared: 07/05/2024 Analyzed: 07/08/2024				
Bis(2-ethylhexyl)phthalate	669	84.1	ug/kg dry	840	ND	79.7	10-167				
Caprolactam	751	168	"	840	ND	89.4	10-132				
Carbazole	477	84.1	"	840	ND	56.7	10-167				
Chrysene	417	84.1	"	840	ND	49.6	10-156				
Dibenzo(a,h)anthracene	443	84.1	"	840	ND	52.7	10-137				
Dibenzofuran	415	84.1	"	840	ND	49.4	10-147				
Diethyl phthalate	410	84.1	"	840	ND	48.8	20-120				
Dimethyl phthalate	396	84.1	"	840	ND	47.1	18-131				
Di-n-butyl phthalate	518	84.1	"	840	ND	61.7	10-137				
Di-n-octyl phthalate	788	84.1	"	840	ND	93.8	10-180				
Diphenylamine	481	168	"	840	ND	57.2	40-140				
Fluoranthene	479	84.1	"	840	ND	57.0	10-160				
Fluorene	406	84.1	"	840	ND	48.3	10-157				
Hexachlorobenzene	378	84.1	"	840	ND	45.0	10-137				
Hexachlorobutadiene	394	84.1	"	840	ND	46.9	10-132				
Hexachlorocyclopentadiene	243	84.1	"	840	ND	29.0	10-106				
Hexachloroethane	395	84.1	"	840	ND	47.0	10-110				
Indeno(1,2,3-cd)pyrene	480	84.1	"	840	ND	57.1	10-144				
Isophorone	376	84.1	"	840	ND	44.8	10-132				
Naphthalene	378	84.1	"	840	ND	45.0	10-141				
Nitrobenzene	401	84.1	"	840	ND	47.8	10-131				
N-Nitrosodimethylamine	402	84.1	"	840	ND	47.8	10-126				
N-nitroso-di-n-propylamine	372	84.1	"	840	ND	44.3	10-125				
N-Nitrosodiphenylamine	475	84.1	"	840	ND	56.6	10-177				
Pentachlorophenol	505	84.1	"	840	ND	60.1	10-153				
Phenanthrene	413	84.1	"	840	ND	49.2	10-148				
Phenol	387	84.1	"	840	ND	46.0	10-126				
Pyrene	415	84.1	"	840	ND	49.4	10-165				
Surrogate: SURR: 2-Fluorophenol	947		"	1680		56.4	20-108				
Surrogate: SURR: Phenol-d6	879		"	1680		52.3	23-114				
Surrogate: SURR: Nitrobenzene-d5	509		"	840		60.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	455		"	840		54.2	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1250		"	1680		74.3	19-110				
Surrogate: SURR: Terphenyl-d14	475		"	840		56.5	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40356 - EPA 3550C											
Matrix Spike Dup (BG40356-MSD1)		*Source sample: 24G0280-01 (Matrix Spike Dup)					Prepared: 07/05/2024 Analyzed: 07/08/2024				
1,1-Biphenyl	489	84.1	ug/kg dry	840	ND	58.2	10-130		12.5	30	
1,2,4,5-Tetrachlorobenzene	417	168	"	840	ND	49.7	10-133		10.2	30	
1,2,4-Trichlorobenzene	354	84.1	"	840	ND	42.2	10-127		13.1	30	
1,2-Dichlorobenzene	335	84.1	"	840	ND	39.9	14-111		14.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	318	84.1	"	840	ND	37.8	10-144		10.8	30	
1,3-Dichlorobenzene	333	84.1	"	840	ND	39.7	11-111		17.1	30	
1,4-Dichlorobenzene	337	84.1	"	840	ND	40.2	10-106		14.8	30	
2,3,4,6-Tetrachlorophenol	425	168	"	840	ND	50.6	30-130		13.7	30	
2,4,5-Trichlorophenol	400	84.1	"	840	ND	47.6	10-127		9.14	30	
2,4,6-Trichlorophenol	423	84.1	"	840	ND	50.3	10-132		12.4	30	
2,4-Dichlorophenol	380	84.1	"	840	ND	45.2	10-128		13.1	30	
2,4-Dimethylphenol	251	84.1	"	840	ND	29.8	10-137		10.7	30	
2,4-Dinitrophenol	612	168	"	840	ND	72.9	10-171		33.8	30	Non-dir.
2,4-Dinitrotoluene	532	84.1	"	840	ND	63.3	16-135		13.8	30	
2,6-Dinitrotoluene	520	84.1	"	840	ND	61.9	18-131		13.7	30	
2-Chloronaphthalene	352	84.1	"	840	ND	41.9	10-129		11.3	30	
2-Chlorophenol	357	84.1	"	840	ND	42.5	15-116		14.2	30	
2-Methylnaphthalene	354	84.1	"	840	ND	42.1	10-147		12.8	30	
2-Methylphenol	330	84.1	"	840	ND	39.3	10-136		16.4	30	
2-Nitroaniline	493	168	"	840	ND	58.7	10-137		12.8	30	
2-Nitrophenol	511	84.1	"	840	ND	60.8	10-129		17.1	30	
3- & 4-Methylphenols	302	84.1	"	840	ND	35.9	10-123		15.4	30	
3,3-Dichlorobenzidine	586	84.1	"	840	ND	69.8	10-155		23.0	30	
3-Nitroaniline	399	168	"	840	ND	47.5	12-133		16.5	30	
4,6-Dinitro-2-methylphenol	735	168	"	840	ND	87.5	10-155		20.7	30	
4-Bromophenyl phenyl ether	403	84.1	"	840	ND	48.0	14-128		11.8	30	
4-Chloro-3-methylphenol	358	84.1	"	840	ND	42.6	10-134		11.8	30	
4-Chloroaniline	282	84.1	"	840	ND	33.6	10-145		19.2	30	
4-Chlorophenyl phenyl ether	365	84.1	"	840	ND	43.4	14-130		12.8	30	
4-Nitroaniline	415	168	"	840	ND	49.4	10-147		16.1	30	
4-Nitrophenol	423	168	"	840	ND	50.3	10-137		17.4	30	
Acenaphthene	352	84.1	"	840	ND	41.9	10-146		10.3	30	
Acenaphthylene	319	84.1	"	840	ND	37.9	10-134		10.4	30	
Acetophenone	479	84.1	"	840	ND	57.0	10-116		15.3	30	
Aniline	288	337	"	840	ND	34.3	10-123		19.9	30	
Anthracene	362	84.1	"	840	ND	43.0	10-142		12.1	30	
Atrazine	661	84.1	"	840	ND	78.7	19-115		15.9	30	
Benzaldehyde	458	84.1	"	840	ND	54.5	10-125		17.5	30	
Benzo(a)anthracene	378	84.1	"	840	ND	45.0	10-158		16.0	30	
Benzo(a)pyrene	358	84.1	"	840	ND	42.6	10-180		16.2	30	
Benzo(b)fluoranthene	366	84.1	"	840	ND	43.6	10-200		17.6	30	
Benzo(g,h,i)perylene	382	84.1	"	840	ND	45.5	10-138		8.74	30	
Benzo(k)fluoranthene	359	84.1	"	840	ND	42.7	10-197		18.8	30	
Benzoic acid	320	84.1	"	840	ND	38.1	10-166		16.0	30	
Benzyl alcohol	337	84.1	"	840	ND	40.2	12-124		15.4	30	
Benzyl butyl phthalate	535	84.1	"	840	ND	63.7	10-154		17.3	30	
Bis(2-chloroethoxy)methane	323	84.1	"	840	ND	38.4	10-132		13.6	30	
Bis(2-chloroethyl)ether	296	84.1	"	840	ND	35.3	10-119		16.6	30	
Bis(2-chloroisopropyl)ether	272	84.1	"	840	ND	32.3	10-139		16.6	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40356 - EPA 3550C

Matrix Spike Dup (BG40356-MSD1)	*Source sample: 24G0280-01 (Matrix Spike Dup)							Prepared: 07/05/2024 Analyzed: 07/08/2024			
Bis(2-ethylhexyl)phthalate	557	84.1	ug/kg dry	840	ND	66.2	10-167		18.4	30	
Caprolactam	661	168	"	840	ND	78.6	10-132		12.9	30	
Carbazole	420	84.1	"	840	ND	50.0	10-167		12.6	30	
Chrysene	358	84.1	"	840	ND	42.6	10-156		15.3	30	
Dibenzo(a,h)anthracene	403	84.1	"	840	ND	47.9	10-137		9.54	30	
Dibenzofuran	366	84.1	"	840	ND	43.5	10-147		12.7	30	
Diethyl phthalate	360	84.1	"	840	ND	42.9	20-120		12.9	30	
Dimethyl phthalate	341	84.1	"	840	ND	40.6	18-131		14.8	30	
Di-n-butyl phthalate	444	84.1	"	840	ND	52.9	10-137		15.4	30	
Di-n-octyl phthalate	661	84.1	"	840	ND	78.6	10-180		17.5	30	
Diphenylamine	433	168	"	840	ND	51.5	40-140		10.4	30	
Fluoranthene	413	84.1	"	840	ND	49.2	10-160		14.8	30	
Fluorene	366	84.1	"	840	ND	43.6	10-157		10.3	30	
Hexachlorobenzene	337	84.1	"	840	ND	40.1	10-137		11.5	30	
Hexachlorobutadiene	348	84.1	"	840	ND	41.4	10-132		12.5	30	
Hexachlorocyclopentadiene	188	84.1	"	840	ND	22.4	10-106		25.5	30	
Hexachloroethane	335	84.1	"	840	ND	39.8	10-110		16.6	30	
Indeno(1,2,3-cd)pyrene	434	84.1	"	840	ND	51.7	10-144		10.0	30	
Isophorone	331	84.1	"	840	ND	39.4	10-132		12.7	30	
Naphthalene	334	84.1	"	840	ND	39.8	10-141		12.5	30	
Nitrobenzene	352	84.1	"	840	ND	41.8	10-131		13.2	30	
N-Nitrosodimethylamine	337	84.1	"	840	ND	40.2	10-126		17.5	30	
N-nitroso-di-n-propylamine	309	84.1	"	840	ND	36.8	10-125		18.5	30	
N-Nitrosodiphenylamine	415	84.1	"	840	ND	49.4	10-177		13.6	30	
Pentachlorophenol	430	84.1	"	840	ND	51.2	10-153		16.0	30	
Phenanthrene	364	84.1	"	840	ND	43.4	10-148		12.6	30	
Phenol	334	84.1	"	840	ND	39.8	10-126		14.6	30	
Pyrene	368	84.1	"	840	ND	43.8	10-165		12.2	30	
Surrogate: SURR: 2-Fluorophenol	817		"	1680		48.6	20-108				
Surrogate: SURR: Phenol-d6	776		"	1680		46.2	23-114				
Surrogate: SURR: Nitrobenzene-d5	454		"	840		54.0	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	419		"	840		49.9	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1150		"	1680		68.5	19-110				
Surrogate: SURR: Terphenyl-d14	443		"	840		52.7	24-116				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40418 - % Solids Prep

Duplicate (BG40418-DUP1)		*Source sample: 24G0289-08 (Duplicate)						Prepared & Analyzed: 07/08/2024			
% Solids	87.8	0.100	%		88.3				0.569	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24G0290-01	SB-1 (0.5-1.5)	40mL Vial with Stir Bar-Cool 4° C
24G0290-02	SB-2 (0.5-1.5)	40mL Vial with Stir Bar-Cool 4° C
24G0290-03	SB-3 (0.5-1.5)	40mL Vial with Stir Bar-Cool 4° C
24G0290-04	SB-4 (1-2)	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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



Certification for pH is no longer offered by NYDOH ELAP.

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

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



Field Chain-of-Custody Record

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

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number

2460220

Page 1 of 1

Report To: Company: <u>Vector Consulting</u> Address: <u>37 W. 37th St., 6th Fl</u> <u>NY, NY 10018</u> Phone: <u>347-871-0750</u> Contact: <u>Eugene Kargel</u> E-mail: <u>Eugene.Kargel@vectorconsulting.com</u>		Invoice To: Company: <u>Vector Consulting</u> Address: <u>37 W. 37th St., 6th Fl</u> <u>NY, NY 10018</u> Phone: <u>347-871-0750</u> Contact: <u>Eugene Kargel</u> E-mail: <u>Eugene.Kargel@vectorconsulting.com</u>		YOUR Project Name / Number <u>1321 Webster Ave</u> <u>Bronx, NY</u> PO Number		Samples Collected From NY ☒ CT ☐ NJ ☐ PA ☐ Analyses Requested		Turn-Around Time RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day	
Sample Identification SB-1 (0.5-1.5) SB-2 (0.5-1.5) SB-3 (0.5-1.5) SB-4 (1-2) Date: <u>7/3/24</u>		Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other: <u>DI H₂O</u>		Preservative (please list number of containers) Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ S ₂ O ₃ (sodium thio.) Trizma Ammonium Acetate		Grab or Comp. G/C		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
								EDD Type (circle) EQUIS (standard) NYSDEC EQUIS NJDEP SRP Haz Site Standard Excel CMDP Other: Regulatory Comparative Compared to the following Regulation(s): (please fill in)	

Comments: 1. Samples Relinquished by / Company: <u>David Kargel / Vector</u> Date/Time: <u>7/3/24 1300</u> 2. Samples Relinquished by / Company: <u>Andrew Reckon</u> Date/Time: <u>7/3/24 1300</u> 3. Samples Relinquished by / Company: <u>Andrew Reckon</u> Date/Time: <u>7/3/24 1300</u> 4. Samples Relinquished by / Company: <u>Andrew Reckon</u> Date/Time: <u>7/3/24 1300</u>		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 ☒	
Signature <u>David Kargel</u> Date/Time: <u>7/3/24 1300</u>		Signature <u>Andrew Reckon</u> Date/Time: <u>7/3/24 17:15</u>	
Temperature Degrees C <u>17.15</u>		Temperature Degrees C <u>17.15</u>	

APPENDIX D

LABORATORY ANALYTICAL REPORT FOR SOIL VAPOR SAMPLES

DRAFT



Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 06/25/2024
Client Project ID: 24-0008 1321 Webster Ave
York Project (SDG) No.: 24F1054

Revision No. 1.0



CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037

New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

Report Date: 06/25/2024
Client Project ID: 24-0008 1321 Webster Ave
York Project (SDG) No.: 24F1054

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 June 14, 2024 and listed below. The project was identified as your project: **24-0008 1321 Webster Ave.**

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>
24F1054-01	SV-1	Soil Vapor	06/14/2024	06/14/2024
24F1054-02	SV-2	Soil Vapor	06/14/2024	06/14/2024
24F1054-03	OA-1	Outdoor Ambient Ai	06/14/2024	06/14/2024

General Notes for York Project (SDG) No.: 24F1054

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/25/2024





Sample Information

Client Sample ID: SV-1

York Sample ID: 24F1054-01

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:06 pm

Date Received

06/14/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	4.40	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT

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	13	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	10	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	14	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	10	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.6	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.9	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LCS -L, ICVE	ug/m ³	14	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.3	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.6	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.3	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	12	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24F1054-01

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:06 pm

Date Received

06/14/2024

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
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.7	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	14	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
78-93-3	2-Butanone	14		ug/m ³	5.6	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	15	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
107-05-1	3-Chloropropene	ND		ug/m ³	29	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
108-10-1	4-Methyl-2-pentanone	15		ug/m ³	7.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
67-64-1	Acetone	88		ug/m ³	8.9	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
107-13-1	Acrylonitrile	ND		ug/m ³	4.1	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
71-43-2	Benzene	10		ug/m ³	6.0	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
100-44-7	Benzyl chloride	ND		ug/m ³	9.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	13	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-25-2	Bromoform	ND		ug/m ³	19	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
74-83-9	Bromomethane	ND		ug/m ³	7.3	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-15-0	Carbon disulfide	7.6		ug/m ³	5.9	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.0	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
108-90-7	Chlorobenzene	ND		ug/m ³	8.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-00-3	Chloroethane	ND		ug/m ³	5.0	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
67-66-3	Chloroform	31		ug/m ³	9.2	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
74-87-3	Chloromethane	ND		ug/m ³	3.9	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
156-59-2	cis-1,2-Dichloroethylene	55	B	ug/m ³	3.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.5	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24F1054-01

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:06 pm

Date Received

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m ³	6.5	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	16	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.3	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	14	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
100-41-4	Ethyl Benzene	ND		ug/m ³	8.2	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
87-68-3	Hexachlorobutadiene	ND	TO-LCS -L, ICVE	ug/m ³	20	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
67-63-0	Isopropanol	ND		ug/m ³	9.3	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.8	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-09-2	Methylene chloride	ND		ug/m ³	13	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
91-20-3	* Naphthalene	ND	TO-LCS -L, ICVE	ug/m ³	20	18.82	EPA TO-15 Certifications: NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
142-82-5	n-Heptane	ND		ug/m ³	7.7	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
110-54-3	n-Hexane	ND		ug/m ³	6.6	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
95-47-6	o-Xylene	ND		ug/m ³	8.2	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.3	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
115-07-1	* Propylene	29		ug/m ³	3.2	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
100-42-5	Styrene	ND		ug/m ³	8.0	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
127-18-4	Tetrachloroethylene	18000		ug/m ³	68	100.8	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 16:12	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	18.82	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 17:36	LT
108-88-3	Toluene	16		ug/m ³	7.1	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24F1054-01

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:06 pm

Date Received

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.5	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.5	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
79-01-6	Trichloroethylene	200	TO-LCS -L, B	ug/m ³	5.1	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
108-05-4	Vinyl acetate	ND		ug/m ³	6.6	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
593-60-2	Vinyl bromide	ND		ug/m ³	8.2	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.4	18.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 17:36	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24F1054-02

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:14 pm

Date Received

06/14/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	4.42	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.9	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m³	14	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.3	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.3	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
106-99-0	1,3-Butadiene	ND		ug/m³	13	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.7	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24F1054-02

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:14 pm

Date Received

06/14/2024

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	11	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	14	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
78-93-3	2-Butanone	8.4		ug/m ³	5.6	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	15	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT
107-05-1	3-Chloropropene	ND		ug/m ³	30	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
67-64-1	Acetone	56		ug/m ³	9.0	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
107-13-1	Acrylonitrile	ND		ug/m ³	4.1	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
71-43-2	Benzene	15		ug/m ³	6.0	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
100-44-7	Benzyl chloride	ND		ug/m ³	9.8	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	13	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-25-2	Bromoform	ND		ug/m ³	20	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
74-83-9	Bromomethane	ND		ug/m ³	7.3	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-15-0	Carbon disulfide	26		ug/m ³	5.9	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.0	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
108-90-7	Chlorobenzene	ND		ug/m ³	8.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-00-3	Chloroethane	ND		ug/m ³	5.0	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
67-66-3	Chloroform	ND		ug/m ³	9.2	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
74-87-3	Chloromethane	ND		ug/m ³	3.9	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	3.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.6	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
110-82-7	Cyclohexane	ND		ug/m ³	6.5	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24F1054-02

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:14 pm

Date Received

06/14/2024

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
124-48-1	Dibromochloromethane	ND		ug/m ³	16	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.4	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	14	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT
100-41-4	Ethyl Benzene	59		ug/m ³	8.2	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS -L	ug/m ³	20	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
67-63-0	Isopropanol	ND		ug/m ³	9.3	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.8	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-09-2	Methylene chloride	ND		ug/m ³	13	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
91-20-3	* Naphthalene	ND	ICVE, TO-LCS -L	ug/m ³	20	18.91	EPA TO-15 Certifications: NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
142-82-5	n-Heptane	ND		ug/m ³	7.8	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
110-54-3	n-Hexane	ND		ug/m ³	6.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
95-47-6	o-Xylene	ND		ug/m ³	8.2	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.3	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT
115-07-1	* Propylene	21		ug/m ³	3.3	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT
100-42-5	Styrene	31		ug/m ³	8.1	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
127-18-4	Tetrachloroethylene	6300		ug/m ³	26	37.82	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 13:46	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	18.91	EPA TO-15 Certifications:	06/23/2024 12:00	06/23/2024 18:23	LT
108-88-3	Toluene	15		ug/m ³	7.1	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.5	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24F1054-02

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Soil Vapor

Collection Date/Time

June 14, 2024 2:14 pm

Date Received

06/14/2024

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.6	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
79-01-6	Trichloroethylene	16	TO-LCS -L, B	ug/m ³	5.1	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
108-05-4	Vinyl acetate	ND		ug/m ³	6.7	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
593-60-2	Vinyl bromide	ND		ug/m ³	8.3	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.4	18.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/23/2024 18:23	LT



Sample Information

Client Sample ID: OA-1

York Sample ID: 24F1054-03

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Outdoor Ambient Air

Collection Date/Time

June 14, 2024 2:11 pm

Date Received

06/14/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	1.47		ug/m³	0.229	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.67	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.67	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.75	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.097	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LCS	ug/m³	0.73	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
95-63-6	1,2,4-Trimethylbenzene	1.2		ug/m³	0.48	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.75	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.48	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS	ug/m³	0.65	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT



Sample Information

Client Sample ID: OA-1

York Sample ID: 24F1054-03

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Outdoor Ambient Air

Collection Date/Time

June 14, 2024 2:11 pm

Date Received

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.59	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	0.71	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
78-93-3	2-Butanone	4.5		ug/m ³	0.29	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
591-78-6	* 2-Hexanone	2.0	Cal-E, TO-CC V, TO-LCS -H	ug/m ³	0.80	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT
107-05-1	3-Chloropropene	ND		ug/m ³	1.5	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
108-10-1	4-Methyl-2-pentanone	9.4		ug/m ³	0.40	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
67-64-1	Acetone	83		ug/m ³	0.47	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
107-13-1	Acrylonitrile	1.9		ug/m ³	0.21	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
71-43-2	Benzene	1.4		ug/m ³	0.31	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.51	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	0.66	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-25-2	Bromoform	ND		ug/m ³	1.0	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
74-83-9	Bromomethane	ND	TO-CC V, TO-LCS -L	ug/m ³	0.38	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
56-23-5	Carbon tetrachloride	0.55		ug/m ³	0.15	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.45	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-00-3	Chloroethane	ND	TO-CC V, TO-LCS -L	ug/m ³	0.26	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
67-66-3	Chloroform	ND		ug/m ³	0.48	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT



Sample Information

Client Sample ID: OA-1

York Sample ID: 24F1054-03

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Outdoor Ambient Air

Collection Date/Time

June 14, 2024 2:11 pm

Date Received

06/14/2024

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
74-87-3	Chloromethane	1.6	Cal-E, TO-CC V, TO-LCS -L	ug/m ³	0.20	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
156-59-2	cis-1,2-Dichloroethylene	0.39		ug/m ³	0.097	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.44	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
110-82-7	Cyclohexane	0.54		ug/m ³	0.34	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	0.83	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-71-8	Dichlorodifluoromethane	2.9		ug/m ³	0.48	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
141-78-6	* Ethyl acetate	0.99		ug/m ³	0.71	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT
100-41-4	Ethyl Benzene	1.6		ug/m ³	0.43	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.0	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
67-63-0	Isopropanol	3.8	TO-LCS -L	ug/m ³	0.48	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.40	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.35	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-09-2	Methylene chloride	0.89		ug/m ³	0.68	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
91-20-3	* Naphthalene	2.4	Cal-E	ug/m ³	1.0	0.98	EPA TO-15 Certifications: NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
142-82-5	n-Heptane	1.2		ug/m ³	0.40	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
110-54-3	n-Hexane	1.7		ug/m ³	0.35	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
95-47-6	o-Xylene	1.9		ug/m ³	0.43	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
179601-23-1	p- & m- Xylenes	6.6		ug/m ³	0.85	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
622-96-8	* p-Ethyltoluene	1.2		ug/m ³	0.48	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT
115-07-1	* Propylene	ND		ug/m ³	0.17	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT



Sample Information

Client Sample ID: OA-1

York Sample ID: 24F1054-03

York Project (SDG) No.

24F1054

Client Project ID

24-0008 1321 Webster Ave

Matrix

Outdoor Ambient Air

Collection Date/Time

June 14, 2024 2:11 pm

Date Received

06/14/2024

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
100-42-5	Styrene	0.58		ug/m ³	0.42	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
127-18-4	Tetrachloroethylene	7.0		ug/m ³	0.66	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.58	0.98	EPA TO-15 Certifications:	06/23/2024 12:00	06/24/2024 21:55	LT
108-88-3	Toluene	4.2		ug/m ³	0.37	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.39	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.44	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
79-01-6	Trichloroethylene	0.74		ug/m ³	0.13	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.55	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
593-60-2	Vinyl bromide	ND	TO-LCS -L	ug/m ³	0.43	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	0.13	0.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2024 12:00	06/24/2024 21:55	LT



Analytical Batch Summary

Batch ID: BF41576 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
24F1054-01	SV-1	06/23/24
24F1054-02	SV-2	06/23/24
BF41576-BLK1	Blank	06/23/24
BF41576-BS1	LCS	06/23/24

Batch ID: BF41600 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
24F1054-01RE1	SV-1	06/23/24
24F1054-02RE1	SV-2	06/23/24
BF41600-BLK1	Blank	06/24/24
BF41600-BS1	LCS	06/24/24

Batch ID: BF41601 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
24F1054-03	OA-1	06/23/24
BF41601-BLK1	Blank	06/24/24
BF41601-BS1	LCS	06/24/24



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41576 - EPA TO15 PREP

Blank (BF41576-BLK1)

Prepared & Analyzed: 06/23/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
2,2,4-Trimethylpentane	ND	0.234	"
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	0.12	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41576 - EPA TO15 PREP

Blank (BF41576-BLK1)

Prepared & Analyzed: 06/23/2024

Naphthalene	ND	1.0	ug/m ³
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	0.21	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BF41576-BS1)

Prepared & Analyzed: 06/23/2024

1,1,1,2-Tetrachloroethane	7.62		ppbv	10.0	76.2	70-130	
2,2,4-Trimethylpentane	8.25		"	10.0	82.5	70-130	
1,1,1-Trichloroethane	8.08		"	10.0	80.8	70-130	
1,1,2,2-Tetrachloroethane	7.64		"	10.0	76.4	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.99		"	10.0	79.9	70-130	
1,1,2-Trichloroethane	7.46		"	10.0	74.6	70-130	
1,1-Dichloroethane	7.73		"	10.0	77.3	70-130	
1,1-Dichloroethylene	7.62		"	10.0	76.2	70-130	
1,2,4-Trichlorobenzene	5.39		"	10.0	53.9	70-130	Low Bias
1,2,4-Trimethylbenzene	8.38		"	10.0	83.8	70-130	
1,2-Dibromoethane	7.45		"	10.0	74.5	70-130	
1,2-Dichlorobenzene	7.40		"	10.0	74.0	70-130	
1,2-Dichloroethane	8.01		"	10.0	80.1	70-130	
1,2-Dichloropropane	7.42		"	10.0	74.2	70-130	
1,2-Dichlorotetrafluoroethane	8.78		"	10.0	87.8	70-130	
1,3,5-Trimethylbenzene	8.14		"	10.0	81.4	70-130	
1,3-Butadiene	8.26		"	10.0	82.6	70-130	
1,3-Dichlorobenzene	7.55		"	10.0	75.5	70-130	
1,3-Dichloropropane	7.38		"	10.0	73.8	70-130	
1,4-Dichlorobenzene	7.35		"	10.0	73.5	70-130	
1,4-Dioxane	6.43		"	10.0	64.3	70-130	Low Bias
2-Butanone	7.64		"	10.0	76.4	70-130	
2-Hexanone	7.36		"	10.0	73.6	70-130	
3-Chloropropene	8.02		"	10.0	80.2	70-130	
4-Methyl-2-pentanone	7.04		"	10.0	70.4	70-130	
Acetone	8.91		"	10.0	89.1	70-130	
Acrylonitrile	8.26		"	10.0	82.6	70-130	
Benzene	7.84		"	10.0	78.4	70-130	
Benzyl chloride	7.35		"	10.0	73.5	70-130	
Bromodichloromethane	7.53		"	10.0	75.3	70-130	
Bromoform	8.29		"	10.0	82.9	70-130	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41576 - EPA TO15 PREP

LCS (BF41576-BS1)

Prepared & Analyzed: 06/23/2024

Bromomethane	8.13		ppbv	10.0		81.3	70-130				
Carbon disulfide	7.70		"	10.0		77.0	70-130				
Carbon tetrachloride	8.05		"	10.0		80.5	70-130				
Chlorobenzene	7.62		"	10.0		76.2	70-130				
Chloroethane	8.26		"	10.0		82.6	70-130				
Chloroform	7.96		"	10.0		79.6	70-130				
Chloromethane	11.4		"	10.0		114	70-130				
cis-1,2-Dichloroethylene	8.55		"	10.0		85.5	70-130				
cis-1,3-Dichloropropylene	7.62		"	10.0		76.2	70-130				
Cyclohexane	8.18		"	10.0		81.8	70-130				
Dibromochloromethane	7.85		"	10.0		78.5	70-130				
Dichlorodifluoromethane	8.14		"	10.0		81.4	70-130				
Ethyl acetate	7.92		"	10.0		79.2	70-130				
Ethyl Benzene	7.87		"	10.0		78.7	70-130				
Hexachlorobutadiene	5.47		"	10.0		54.7	70-130	Low Bias			
Isopropanol	7.33		"	10.0		73.3	70-130				
Methyl Methacrylate	7.56		"	10.0		75.6	70-130				
Methyl tert-butyl ether (MTBE)	8.38		"	10.0		83.8	70-130				
Methylene chloride	7.35		"	10.0		73.5	70-130				
Naphthalene	5.84		"	10.0		58.4	70-130	Low Bias			
n-Heptane	8.46		"	10.0		84.6	70-130				
n-Hexane	8.26		"	10.0		82.6	70-130				
o-Xylene	8.07		"	10.0		80.7	70-130				
p- & m- Xylenes	16.3		"	20.0		81.5	70-130				
p-Ethyltoluene	8.88		"	10.0		88.8	70-130				
Propylene	8.12		"	10.0		81.2	70-130				
Styrene	8.60		"	10.0		86.0	70-130				
Tetrachloroethylene	7.52		"	10.0		75.2	70-130				
Tetrahydrofuran	7.88		"	10.0		78.8	70-130				
Toluene	7.51		"	10.0		75.1	70-130				
trans-1,2-Dichloroethylene	7.96		"	10.0		79.6	70-130				
trans-1,3-Dichloropropylene	7.69		"	10.0		76.9	70-130				
Trichloroethylene	6.81		"	10.0		68.1	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	8.06		"	10.0		80.6	70-130				
Vinyl acetate	7.01		"	10.0		70.1	70-130				
Vinyl bromide	8.46		"	10.0		84.6	70-130				
Vinyl Chloride	9.58		"	10.0		95.8	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41600 - EPA TO15 PREP

Blank (BF41600-BLK1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	0.12	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
Naphthalene	ND	1.0	"
n-Heptane	ND	0.41	"





Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41600 - EPA TO15 PREP

Blank (BF41600-BLK1)

Prepared & Analyzed: 06/24/2024

n-Hexane	ND	0.35	ug/m ³
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	0.21	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BF41600-BS1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	7.73		ppbv	10.0	77.3	70-130	
1,1,1-Trichloroethane	8.31		"	10.0	83.1	70-130	
1,1,2,2-Tetrachloroethane	7.60		"	10.0	76.0	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.98		"	10.0	79.8	70-130	
1,1,2-Trichloroethane	7.32		"	10.0	73.2	70-130	
1,1-Dichloroethane	7.72		"	10.0	77.2	70-130	
1,1-Dichloroethylene	7.69		"	10.0	76.9	70-130	
1,2,4-Trichlorobenzene	5.51		"	10.0	55.1	70-130	Low Bias
1,2,4-Trimethylbenzene	8.41		"	10.0	84.1	70-130	
1,2-Dibromoethane	7.37		"	10.0	73.7	70-130	
1,2-Dichlorobenzene	7.30		"	10.0	73.0	70-130	
1,2-Dichloroethane	8.05		"	10.0	80.5	70-130	
1,2-Dichloropropane	7.26		"	10.0	72.6	70-130	
1,2-Dichlorotetrafluoroethane	8.31		"	10.0	83.1	70-130	
1,3,5-Trimethylbenzene	8.20		"	10.0	82.0	70-130	
1,3-Butadiene	8.99		"	10.0	89.9	70-130	
1,3-Dichlorobenzene	7.47		"	10.0	74.7	70-130	
1,3-Dichloropropane	7.21		"	10.0	72.1	70-130	
1,4-Dichlorobenzene	7.35		"	10.0	73.5	70-130	
1,4-Dioxane	6.43		"	10.0	64.3	70-130	Low Bias
2-Butanone	7.65		"	10.0	76.5	70-130	
2-Hexanone	7.25		"	10.0	72.5	70-130	
3-Chloropropene	7.98		"	10.0	79.8	70-130	
4-Methyl-2-pentanone	6.81		"	10.0	68.1	70-130	Low Bias
Acetone	8.99		"	10.0	89.9	70-130	
Acrylonitrile	8.10		"	10.0	81.0	70-130	
Benzene	7.85		"	10.0	78.5	70-130	
Benzyl chloride	7.43		"	10.0	74.3	70-130	
Bromodichloromethane	7.45		"	10.0	74.5	70-130	
Bromoform	8.30		"	10.0	83.0	70-130	
Bromomethane	8.17		"	10.0	81.7	70-130	
Carbon disulfide	7.63		"	10.0	76.3	70-130	
Carbon tetrachloride	8.12		"	10.0	81.2	70-130	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41600 - EPA TO15 PREP

LCS (BF41600-BS1)

Prepared & Analyzed: 06/24/2024

Chlorobenzene	7.63		ppbv	10.0		76.3	70-130				
Chloroethane	8.10		"	10.0		81.0	70-130				
Chloroform	8.04		"	10.0		80.4	70-130				
Chloromethane	11.5		"	10.0		115	70-130				
cis-1,2-Dichloroethylene	8.57		"	10.0		85.7	70-130				
cis-1,3-Dichloropropylene	7.51		"	10.0		75.1	70-130				
Cyclohexane	8.15		"	10.0		81.5	70-130				
Dibromochloromethane	7.72		"	10.0		77.2	70-130				
Dichlorodifluoromethane	7.86		"	10.0		78.6	70-130				
Ethyl acetate	7.79		"	10.0		77.9	70-130				
Ethyl Benzene	7.85		"	10.0		78.5	70-130				
Hexachlorobutadiene	5.29		"	10.0		52.9	70-130	Low Bias			
Isopropanol	7.31		"	10.0		73.1	70-130				
Methyl Methacrylate	7.36		"	10.0		73.6	70-130				
Methyl tert-butyl ether (MTBE)	8.55		"	10.0		85.5	70-130				
Methylene chloride	7.38		"	10.0		73.8	70-130				
Naphthalene	5.89		"	10.0		58.9	70-130	Low Bias			
n-Heptane	8.40		"	10.0		84.0	70-130				
n-Hexane	8.33		"	10.0		83.3	70-130				
o-Xylene	8.09		"	10.0		80.9	70-130				
p- & m- Xylenes	16.2		"	20.0		81.2	70-130				
p-Ethyltoluene	8.78		"	10.0		87.8	70-130				
Propylene	7.82		"	10.0		78.2	70-130				
Styrene	8.61		"	10.0		86.1	70-130				
Tetrachloroethylene	7.45		"	10.0		74.5	70-130				
Tetrahydrofuran	7.89		"	10.0		78.9	70-130				
Toluene	7.30		"	10.0		73.0	70-130				
trans-1,2-Dichloroethylene	7.96		"	10.0		79.6	70-130				
trans-1,3-Dichloropropylene	7.50		"	10.0		75.0	70-130				
Trichloroethylene	6.82		"	10.0		68.2	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	8.18		"	10.0		81.8	70-130				
Vinyl acetate	6.73		"	10.0		67.3	70-130	Low Bias			
Vinyl bromide	8.48		"	10.0		84.8	70-130				
Vinyl Chloride	10.4		"	10.0		104	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41601 - EPA TO15 PREP

Blank (BF41601-BLK1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
2,2,4-Trimethylpentane	ND	0.234	"
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
Naphthalene	ND	1.0	"





Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41601 - EPA TO15 PREP

Blank (BF41601-BLK1)

Prepared & Analyzed: 06/24/2024

n-Heptane	ND	0.41	ug/m ³
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BF41601-BS1)

Prepared & Analyzed: 06/24/2024

1,1,1,2-Tetrachloroethane	10.6		ppbv	10.0	106	70-130	
2,2,4-Trimethylpentane	9.90		"	10.0	99.0	70-130	
1,1,1-Trichloroethane	9.72		"	10.0	97.2	70-130	
1,1,2,2-Tetrachloroethane	10.6		"	10.0	106	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.93		"	10.0	79.3	70-130	
1,1,2-Trichloroethane	10.8		"	10.0	108	70-130	
1,1-Dichloroethane	8.93		"	10.0	89.3	70-130	
1,1-Dichloroethylene	9.17		"	10.0	91.7	70-130	
1,2,4-Trichlorobenzene	6.94		"	10.0	69.4	70-130	Low Bias
1,2,4-Trimethylbenzene	9.91		"	10.0	99.1	70-130	
1,2-Dibromoethane	11.1		"	10.0	111	70-130	
1,2-Dichlorobenzene	9.69		"	10.0	96.9	70-130	
1,2-Dichloroethane	9.49		"	10.0	94.9	70-130	
1,2-Dichloropropane	11.0		"	10.0	110	70-130	
1,2-Dichlorotetrafluoroethane	8.33		"	10.0	83.3	70-130	
1,3,5-Trimethylbenzene	9.56		"	10.0	95.6	70-130	
1,3-Butadiene	5.64		"	10.0	56.4	70-130	Low Bias
1,3-Dichlorobenzene	10.4		"	10.0	104	70-130	
1,3-Dichloropropane	10.6		"	10.0	106	70-130	
1,4-Dichlorobenzene	10.3		"	10.0	103	70-130	
1,4-Dioxane	12.4		"	10.0	124	70-130	
2-Butanone	9.80		"	10.0	98.0	70-130	
2-Hexanone	13.1		"	10.0	131	70-130	High Bias
3-Chloropropene	9.91		"	10.0	99.1	70-130	
4-Methyl-2-pentanone	10.9		"	10.0	109	70-130	
Acetone	7.48		"	10.0	74.8	70-130	
Acrylonitrile	9.55		"	10.0	95.5	70-130	
Benzene	9.15		"	10.0	91.5	70-130	
Benzyl chloride	7.93		"	10.0	79.3	70-130	
Bromodichloromethane	10.8		"	10.0	108	70-130	
Bromoform	10.2		"	10.0	102	70-130	
Bromomethane	5.80		"	10.0	58.0	70-130	Low Bias



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41601 - EPA TO15 PREP

LCS (BF41601-BS1)

Prepared & Analyzed: 06/24/2024

Carbon disulfide	9.32		ppbv	10.0		93.2	70-130				
Carbon tetrachloride	9.28		"	10.0		92.8	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	5.41		"	10.0		54.1	70-130	Low Bias			
Chloroform	9.61		"	10.0		96.1	70-130				
Chloromethane	6.41		"	10.0		64.1	70-130	Low Bias			
cis-1,2-Dichloroethylene	9.46		"	10.0		94.6	70-130				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Cyclohexane	9.59		"	10.0		95.9	70-130				
Dibromochloromethane	11.2		"	10.0		112	70-130				
Dichlorodifluoromethane	9.30		"	10.0		93.0	70-130				
Ethyl acetate	10.4		"	10.0		104	70-130				
Ethyl Benzene	10.8		"	10.0		108	70-130				
Hexachlorobutadiene	9.53		"	10.0		95.3	70-130				
Isopropanol	6.94		"	10.0		69.4	70-130	Low Bias			
Methyl Methacrylate	11.0		"	10.0		110	70-130				
Methyl tert-butyl ether (MTBE)	9.48		"	10.0		94.8	70-130				
Methylene chloride	8.47		"	10.0		84.7	70-130				
Naphthalene	11.4		"	10.0		114	70-130				
n-Heptane	9.59		"	10.0		95.9	70-130				
n-Hexane	9.57		"	10.0		95.7	70-130				
o-Xylene	10.6		"	10.0		106	70-130				
p- & m- Xylenes	20.8		"	20.0		104	70-130				
p-Ethyltoluene	9.91		"	10.0		99.1	70-130				
Propylene	9.52		"	10.0		95.2	70-130				
Styrene	11.2		"	10.0		112	70-130				
Tetrachloroethylene	10.3		"	10.0		103	70-130				
Tetrahydrofuran	10.0		"	10.0		100	70-130				
Toluene	10.6		"	10.0		106	70-130				
trans-1,2-Dichloroethylene	9.35		"	10.0		93.5	70-130				
trans-1,3-Dichloropropylene	11.5		"	10.0		115	70-130				
Trichloroethylene	10.4		"	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	7.90		"	10.0		79.0	70-130				
Vinyl acetate	8.64		"	10.0		86.4	70-130				
Vinyl bromide	6.38		"	10.0		63.8	70-130	Low Bias			
Vinyl Chloride	6.43		"	10.0		64.3	70-130	Low Bias			





Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less than 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: Revise an incorrect Sample ID



Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 07/10/2024
Client Project ID: 1321 Webster Ave Bronx, NY
York Project (SDG) No.: 24G0349

Revision No. 1.0



CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037

New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

Report Date: 07/10/2024
Client Project ID: 1321 Webster Ave Bronx, NY
York Project (SDG) No.: 24G0349

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 July 05, 2024 and listed below. The project was identified as your project: **1321 Webster Ave Bronx, NY**.

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>
24G0349-01	SV-3	Soil Vapor	07/03/2024	07/05/2024
24G0349-02	SV-4	Soil Vapor	07/03/2024	07/05/2024
24G0349-03	SV-5	Soil Vapor	07/03/2024	07/05/2024
24G0349-04	SV-6	Soil Vapor	07/03/2024	07/05/2024
24G0349-05	SV-7	Soil Vapor	07/03/2024	07/05/2024
24G0349-06	SV-8	Soil Vapor	07/03/2024	07/05/2024
24G0349-07	AA-1	Outdoor Ambient Ai	07/03/2024	07/05/2024

General Notes for York Project (SDG) No.: 24G0349

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/10/2024





Sample Information

Client Sample ID: SV-3

York Sample ID: 24G0349-01

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:58 am

Date Received

07/05/2024

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	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.3	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.3	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.1	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.0	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
106-99-0	1,3-Butadiene	10		ug/m ³	10	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.1	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.0	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.1	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
540-84-1	* 2,2,4-Trimethylpentane	41		ug/m ³	3.6	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G0349-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:58 am

07/05/2024

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
78-93-3	2-Butanone	12		ug/m ³	4.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	12	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
67-64-1	Acetone	120		ug/m ³	7.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
71-43-2	Benzene	8.7		ug/m ³	4.9	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.9	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-25-2	Bromoform	ND		ug/m ³	16	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
74-83-9	Bromomethane	ND		ug/m ³	5.9	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-15-0	Carbon disulfide	5.7		ug/m ³	4.7	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.0	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
67-66-3	Chloroform	13		ug/m ³	7.4	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
74-87-3	Chloromethane	ND		ug/m ³	3.1	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
156-59-2	cis-1,2-Dichloroethylene	37		ug/m ³	1.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G0349-01

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:58 am

Date Received

07/05/2024

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
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	6.6	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
67-63-0	Isopropanol	8.2		ug/m ³	7.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
91-20-3	* Naphthalene	ND		ug/m ³	16	15.2	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
142-82-5	n-Heptane	19		ug/m ³	6.2	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
110-54-3	n-Hexane	63		ug/m ³	5.4	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
95-47-6	o-Xylene	ND		ug/m ³	6.6	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	13	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.5	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR
115-07-1	* Propylene	160		ug/m ³	2.6	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR
100-42-5	Styrene	ND		ug/m ³	6.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
127-18-4	Tetrachloroethylene	4200		ug/m ³	10	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.0	15.2	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:15	YR
108-88-3	Toluene	11		ug/m ³	5.7	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.0	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
79-01-6	Trichloroethylene	120		ug/m ³	2.0	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.5	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G0349-01

York Project (SDG) No.
24G0349

Client Project ID
1321 Webster Ave Bronx, NY

Matrix
Soil Vapor

Collection Date/Time
July 3, 2024 9:58 am

Date Received
07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
593-60-2	Vinyl bromide	ND		ug/m ³	6.6	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	1.9	15.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:15	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G0349-02

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:59 am

Date Received

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	11	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.5	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
540-84-1	* 2,2,4-Trimethylpentane	290		ug/m ³	3.8	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
78-93-3	2-Butanone	10		ug/m ³	4.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G0349-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:59 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	13	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
107-05-1	3-Chloropropene	ND		ug/m ³	25	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
67-64-1	Acetone	130		ug/m ³	7.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
71-43-2	Benzene	11		ug/m ³	5.2	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
100-44-7	Benzyl chloride	ND		ug/m ³	8.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-25-2	Bromoform	ND		ug/m ³	17	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
74-83-9	Bromomethane	ND		ug/m ³	6.3	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-15-0	Carbon disulfide	19		ug/m ³	5.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-00-3	Chloroethane	ND		ug/m ³	4.3	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
67-66-3	Chloroform	ND		ug/m ³	7.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	12	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G0349-02

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:59 am

Date Received

07/05/2024

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
100-41-4	Ethyl Benzene	ND		ug/m ³	7.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
67-63-0	Isopropanol	8.0		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	15		ug/m ³	5.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
91-20-3	* Naphthalene	ND		ug/m ³	17	16.27	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
142-82-5	n-Heptane	14		ug/m ³	6.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
110-54-3	n-Hexane	11		ug/m ³	5.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
95-47-6	o-Xylene	ND		ug/m ³	7.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.0	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
115-07-1	* Propylene	62		ug/m ³	2.8	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
100-42-5	Styrene	ND		ug/m ³	6.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
127-18-4	Tetrachloroethylene	2900		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.6	16.27	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 15:56	YR
108-88-3	Toluene	21		ug/m ³	6.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
79-01-6	Trichloroethylene	49		ug/m ³	2.2	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	9.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR



Sample Information

Client Sample ID: SV-4		York Sample ID: 24G0349-02			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24G0349	1321 Webster Ave Bronx, NY	Soil Vapor	July 3, 2024 9:59 am	07/05/2024	

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
593-60-2	Vinyl bromide	ND		ug/m³	7.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR
75-01-4	Vinyl Chloride	ND		ug/m³	2.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 15:56	YR



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G0349-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 10:00 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	11	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.4	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.4	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.6	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.2	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.1	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.6	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.2	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.1	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.2	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
540-84-1	* 2,2,4-Trimethylpentane	990		ug/m ³	3.6	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
78-93-3	2-Butanone	19		ug/m ³	4.5	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G0349-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 10:00 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.3	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
67-64-1	Acetone	240		ug/m ³	7.3	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
71-43-2	Benzene	5.4		ug/m ³	4.9	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
100-44-7	Benzyl chloride	ND		ug/m ³	8.0	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-25-2	Bromoform	ND		ug/m ³	16	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
74-83-9	Bromomethane	ND		ug/m ³	6.0	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-15-0	Carbon disulfide	ND		ug/m ³	4.8	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.1	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-00-3	Chloroethane	ND		ug/m ³	4.1	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
67-66-3	Chloroform	ND		ug/m ³	7.5	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
156-59-2	cis-1,2-Dichloroethylene	3.7		ug/m ³	1.5	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.0	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
110-82-7	Cyclohexane	71		ug/m ³	5.3	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.6	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G0349-03

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 10:00 am

Date Received

07/05/2024

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
100-41-4	Ethyl Benzene	ND		ug/m ³	6.7	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
67-63-0	Isopropanol	7.6		ug/m ³	7.6	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.3	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.5	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
91-20-3	* Naphthalene	ND		ug/m ³	16	15.37	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
142-82-5	n-Heptane	31		ug/m ³	6.3	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
110-54-3	n-Hexane	37		ug/m ³	5.4	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
95-47-6	o-Xylene	7.3		ug/m ³	6.7	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
179601-23-1	p- & m- Xylenes	17		ug/m ³	13	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
622-96-8	* p-Ethyltoluene	7.6		ug/m ³	7.6	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
115-07-1	* Propylene	16		ug/m ³	2.6	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
100-42-5	Styrene	ND		ug/m ³	6.5	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
127-18-4	Tetrachloroethylene	670		ug/m ³	10	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.1	15.37	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 16:37	YR
108-88-3	Toluene	14		ug/m ³	5.8	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.1	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.0	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
79-01-6	Trichloroethylene	21		ug/m ³	2.1	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.6	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G0349-03

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 10:00 am

Date Received

07/05/2024

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
593-60-2	Vinyl bromide	ND		ug/m ³	6.7	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR
75-01-4	Vinyl Chloride	3.9		ug/m ³	2.0	15.37	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 16:37	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24G0349-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:57 am

07/05/2024

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	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
95-63-6	1,2,4-Trimethylbenzene	9.8		ug/m ³	7.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.2	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.2	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.1	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.2	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
540-84-1	* 2,2,4-Trimethylpentane	120		ug/m ³	3.6	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
78-93-3	2-Butanone	33		ug/m ³	4.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24G0349-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:57 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
67-64-1	Acetone	520		ug/m ³	7.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
71-43-2	Benzene	7.8		ug/m ³	4.9	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.9	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-25-2	Bromoform	ND		ug/m ³	16	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
74-83-9	Bromomethane	ND		ug/m ³	5.9	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-15-0	Carbon disulfide	5.7		ug/m ³	4.8	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.0	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
67-66-3	Chloroform	ND		ug/m ³	7.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.6	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24G0349-04

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:57 am

Date Received

07/05/2024

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
100-41-4	Ethyl Benzene	ND		ug/m ³	6.6	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
67-63-0	Isopropanol	22		ug/m ³	7.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	14		ug/m ³	5.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
91-20-3	* Naphthalene	ND		ug/m ³	16	15.28	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
142-82-5	n-Heptane	7.5		ug/m ³	6.3	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
110-54-3	n-Hexane	8.6		ug/m ³	5.4	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
95-47-6	o-Xylene	10		ug/m ³	6.6	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
179601-23-1	p- & m- Xylenes	23		ug/m ³	13	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
622-96-8	* p-Ethyltoluene	11		ug/m ³	7.5	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
115-07-1	* Propylene	19		ug/m ³	2.6	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
100-42-5	Styrene	ND		ug/m ³	6.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
127-18-4	Tetrachloroethylene	200		ug/m ³	10	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.0	15.28	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:17	YR
108-88-3	Toluene	23		ug/m ³	5.8	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
79-01-6	Trichloroethylene	2.5		ug/m ³	2.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-69-4	Trichlorofluoromethane (Freon 11)	16		ug/m ³	8.6	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR



Sample Information

<u>Client Sample ID:</u> SV-6			<u>York Sample ID:</u> 24G0349-04	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24G0349	1321 Webster Ave Bronx, NY	Soil Vapor	July 3, 2024 9:57 am	07/05/2024

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
593-60-2	Vinyl bromide	ND		ug/m³	6.7	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR
75-01-4	Vinyl Chloride	ND		ug/m³	2.0	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:17	YR



Sample Information

Client Sample ID: SV-7

York Sample ID: 24G0349-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:55 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	10	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.1	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
95-63-6	1,2,4-Trimethylbenzene	10		ug/m ³	7.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.1	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.1	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.0	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
106-99-0	1,3-Butadiene	14		ug/m ³	10	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.1	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.0	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.1	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
540-84-1	* 2,2,4-Trimethylpentane	3.5		ug/m ³	3.5	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
78-93-3	2-Butanone	44		ug/m ³	4.5	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR



Sample Information

Client Sample ID: SV-7

York Sample ID: 24G0349-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:55 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	12	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
108-10-1	4-Methyl-2-pentanone	6.8		ug/m ³	6.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
67-64-1	Acetone	810		ug/m ³	7.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
71-43-2	Benzene	10		ug/m ³	4.8	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.8	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-25-2	Bromoform	ND		ug/m ³	16	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
74-83-9	Bromomethane	ND		ug/m ³	5.9	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-15-0	Carbon disulfide	5.6		ug/m ³	4.7	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.0	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
67-66-3	Chloroform	10		ug/m ³	7.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
74-87-3	Chloromethane	ND		ug/m ³	3.1	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.5	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.5	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR



Sample Information

Client Sample ID: SV-7

York Sample ID: 24G0349-05

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:55 am

Date Received

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m ³	6.6	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
67-63-0	Isopropanol	13		ug/m ³	7.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-09-2	Methylene chloride	ND		ug/m ³	10	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
91-20-3	* Naphthalene	ND		ug/m ³	16	15.11	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
142-82-5	n-Heptane	11		ug/m ³	6.2	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
110-54-3	n-Hexane	19		ug/m ³	5.3	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
95-47-6	o-Xylene	10		ug/m ³	6.6	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
179601-23-1	p- & m- Xylenes	24		ug/m ³	13	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
622-96-8	* p-Ethyltoluene	11		ug/m ³	7.4	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
115-07-1	* Propylene	130		ug/m ³	2.6	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
100-42-5	Styrene	ND		ug/m ³	6.4	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
127-18-4	Tetrachloroethylene	1100		ug/m ³	10	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.9	15.11	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 17:58	YR
108-88-3	Toluene	23		ug/m ³	5.7	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.0	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
79-01-6	Trichloroethylene	4.9		ug/m ³	2.0	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.5	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.3	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR



Sample Information

<u>Client Sample ID:</u> SV-7			<u>York Sample ID:</u> 24G0349-05	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24G0349	1321 Webster Ave Bronx, NY	Soil Vapor	July 3, 2024 9:55 am	07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	6.6	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR
75-01-4	Vinyl Chloride	ND		ug/m³	1.9	15.11	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 17:58	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24G0349-06

York Project (SDG) No.

24G0349

Client Project ID

1321 Webster Ave Bronx, NY

Matrix

Soil Vapor

Collection Date/Time

July 3, 2024 9:56 am

Date Received

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.0	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
95-63-6	1,2,4-Trimethylbenzene	10		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.0	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
106-99-0	1,3-Butadiene	53		ug/m ³	9.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.9	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
540-84-1	* 2,2,4-Trimethylpentane	1200		ug/m ³	3.5	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
78-93-3	2-Butanone	39		ug/m ³	4.4	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24G0349-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:56 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	12	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
107-05-1	3-Chloropropene	62		ug/m ³	23	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
67-64-1	Acetone	560		ug/m ³	7.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.2	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
71-43-2	Benzene	31		ug/m ³	4.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-25-2	Bromoform	ND		ug/m ³	15	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
74-83-9	Bromomethane	ND		ug/m ³	5.8	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-15-0	Carbon disulfide	8.8		ug/m ³	4.6	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
108-90-7	Chlorobenzene	ND		ug/m ³	6.8	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-00-3	Chloroethane	ND		ug/m ³	3.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
67-66-3	Chloroform	110		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
74-87-3	Chloromethane	ND		ug/m ³	3.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
156-59-2	cis-1,2-Dichloroethylene	1.8		ug/m ³	1.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
110-82-7	Cyclohexane	6.6		ug/m ³	5.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	11	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24G0349-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:56 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	8.4		ug/m ³	6.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
67-63-0	Isopropanol	10		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.4	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-09-2	Methylene chloride	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
91-20-3	* Naphthalene	ND		ug/m ³	16	14.86	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
142-82-5	n-Heptane	100		ug/m ³	6.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
110-54-3	n-Hexane	200		ug/m ³	5.2	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
95-47-6	o-Xylene	12		ug/m ³	6.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
179601-23-1	p- & m- Xylenes	28		ug/m ³	13	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
622-96-8	* p-Ethyltoluene	12		ug/m ³	7.3	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
115-07-1	* Propylene	430		ug/m ³	2.6	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
100-42-5	Styrene	ND		ug/m ³	6.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
127-18-4	Tetrachloroethylene	4000		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.8	14.86	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 18:39	YR
108-88-3	Toluene	35		ug/m ³	5.6	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
79-01-6	Trichloroethylene	49		ug/m ³	2.0	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.2	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24G0349-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Soil Vapor

July 3, 2024 9:56 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m ³	6.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	1.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 18:39	YR



Sample Information

Client Sample ID: AA-1

York Sample ID: 24G0349-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Outdoor Ambient Air

July 3, 2024 9:57 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.56	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.45	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.56	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.63	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.45	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.33	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.081	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.61	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.40	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.63	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.49	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.33	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.38	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.57	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.40	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	0.54	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.49	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.38	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.49	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	0.59	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	0.19	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
78-93-3	2-Butanone	ND		ug/m ³	0.24	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR



Sample Information

Client Sample ID: AA-1

York Sample ID: 24G0349-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Outdoor Ambient Air

July 3, 2024 9:57 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	0.67	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.33	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
67-64-1	Acetone	1.5		ug/m ³	0.39	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
71-43-2	Benzene	ND		ug/m ³	0.26	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.42	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	0.55	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-25-2	Bromoform	ND		ug/m ³	0.84	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
74-83-9	Bromomethane	ND		ug/m ³	0.32	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.38	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-00-3	Chloroethane	ND		ug/m ³	0.22	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
67-66-3	Chloroform	ND		ug/m ³	0.40	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
74-87-3	Chloromethane	ND		ug/m ³	0.17	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.081	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.28	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.70	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	0.40	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	0.59	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR



Sample Information

Client Sample ID: AA-1

York Sample ID: 24G0349-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Outdoor Ambient Air

July 3, 2024 9:57 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m ³	0.35	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.87	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
67-63-0	Isopropanol	ND		ug/m ³	0.40	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.33	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.29	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-09-2	Methylene chloride	ND		ug/m ³	0.57	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
91-20-3	* Naphthalene	ND		ug/m ³	0.86	0.816	EPA TO-15 Certifications: NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
142-82-5	n-Heptane	ND		ug/m ³	0.33	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
110-54-3	n-Hexane	ND		ug/m ³	0.29	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
95-47-6	o-Xylene	ND		ug/m ³	0.35	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.71	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.40	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
115-07-1	* Propylene	ND		ug/m ³	0.14	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
100-42-5	Styrene	ND		ug/m ³	0.35	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.55	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.48	0.816	EPA TO-15 Certifications:	07/07/2024 12:00	07/08/2024 19:19	YR
108-88-3	Toluene	ND		ug/m ³	0.31	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.32	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.46	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.29	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR



Sample Information

Client Sample ID: AA-1

York Sample ID: 24G0349-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0349

1321 Webster Ave Bronx, NY

Outdoor Ambient Air

July 3, 2024 9:57 am

07/05/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.36	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/07/2024 12:00	07/08/2024 19:19	YR



Analytical Batch Summary

Batch ID: BG40470

Preparation Method: EPA TO15 PREP

Prepared By: YR

YORK Sample ID	Client Sample ID	Preparation Date
24G0349-01	SV-3	07/07/24
24G0349-02	SV-4	07/07/24
24G0349-03	SV-5	07/07/24
24G0349-04	SV-6	07/07/24
24G0349-05	SV-7	07/07/24
24G0349-06	SV-8	07/07/24
24G0349-07	AA-1	07/07/24
BG40470-BLK1	Blank	07/07/24
BG40470-BS1	LCS	07/07/24
BG40470-DUP1	Duplicate	07/07/24



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40470 - EPA TO15 PREP

Blank (BG40470-BLK1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2,2,4-Trimethylpentane	ND	0.23	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40470 - EPA TO15 PREP

Blank (BG40470-BLK1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

Naphthalene	ND	1.0	ug/m ³
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BG40470-BS1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	10.9	ppbv	10.0	109	70-130
1,1,1-Trichloroethane	11.2	"	10.0	112	70-130
1,1,2,2-Tetrachloroethane	9.59	"	10.0	95.9	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	"	10.0	101	70-130
1,1,2-Trichloroethane	10.4	"	10.0	104	70-130
1,1-Dichloroethane	9.13	"	10.0	91.3	70-130
1,1-Dichloroethylene	9.78	"	10.0	97.8	70-130
1,2,4-Trichlorobenzene	8.83	"	10.0	88.3	70-130
1,2,4-Trimethylbenzene	10.6	"	10.0	106	70-130
1,2-Dibromoethane	10.4	"	10.0	104	70-130
1,2-Dichlorobenzene	10.9	"	10.0	109	70-130
1,2-Dichloroethane	8.87	"	10.0	88.7	70-130
1,2-Dichloropropane	9.55	"	10.0	95.5	70-130
1,2-Dichlorotetrafluoroethane	8.10	"	10.0	81.0	70-130
1,3,5-Trimethylbenzene	10.2	"	10.0	102	70-130
1,3-Butadiene	10.4	"	10.0	104	70-130
1,3-Dichlorobenzene	11.0	"	10.0	110	70-130
1,3-Dichloropropane	9.59	"	10.0	95.9	70-130
1,4-Dichlorobenzene	10.9	"	10.0	109	70-130
1,4-Dioxane	7.70	"	10.0	77.0	70-130
2,2,4-Trimethylpentane	10.3	"	10.0	103	70-130
2-Butanone	9.49	"	10.0	94.9	70-130
2-Hexanone	9.42	"	10.0	94.2	70-130
3-Chloropropene	10.0	"	10.0	100	70-130
4-Methyl-2-pentanone	9.85	"	10.0	98.5	70-130
Acetone	9.15	"	10.0	91.5	70-130
Acrylonitrile	9.40	"	10.0	94.0	70-130
Benzene	9.09	"	10.0	90.9	70-130
Benzyl chloride	9.39	"	10.0	93.9	70-130
Bromodichloromethane	10.9	"	10.0	109	70-130
Bromoform	11.7	"	10.0	117	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40470 - EPA TO15 PREP

LCS (BG40470-BS1)

Prepared: 07/07/2024 Analyzed: 07/08/2024

Bromomethane	9.55		ppbv	10.0		95.5	70-130				
Carbon disulfide	8.95		"	10.0		89.5	70-130				
Carbon tetrachloride	11.8		"	10.0		118	70-130				
Chlorobenzene	9.93		"	10.0		99.3	70-130				
Chloroethane	9.28		"	10.0		92.8	70-130				
Chloroform	10.0		"	10.0		100	70-130				
Chloromethane	11.9		"	10.0		119	70-130				
cis-1,2-Dichloroethylene	9.17		"	10.0		91.7	70-130				
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	70-130				
Cyclohexane	9.77		"	10.0		97.7	70-130				
Dibromochloromethane	11.4		"	10.0		114	70-130				
Dichlorodifluoromethane	10.3		"	10.0		103	70-130				
Ethyl acetate	10.3		"	10.0		103	70-130				
Ethyl Benzene	9.96		"	10.0		99.6	70-130				
Hexachlorobutadiene	11.7		"	10.0		117	70-130				
Isopropanol	9.36		"	10.0		93.6	70-130				
Methyl Methacrylate	9.33		"	10.0		93.3	70-130				
Methyl tert-butyl ether (MTBE)	9.75		"	10.0		97.5	70-130				
Methylene chloride	8.61		"	10.0		86.1	70-130				
Naphthalene	8.32		"	10.0		83.2	70-130				
n-Heptane	9.94		"	10.0		99.4	70-130				
n-Hexane	9.74		"	10.0		97.4	70-130				
o-Xylene	10.2		"	10.0		102	70-130				
p- & m- Xylenes	20.2		"	20.0		101	70-130				
p-Ethyltoluene	10.6		"	10.0		106	70-130				
Propylene	9.60		"	10.0		96.0	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	10.8		"	10.0		108	70-130				
Tetrahydrofuran	9.48		"	10.0		94.8	70-130				
Toluene	9.56		"	10.0		95.6	70-130				
trans-1,2-Dichloroethylene	9.64		"	10.0		96.4	70-130				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	70-130				
Trichloroethylene	10.2		"	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	11.2		"	10.0		112	70-130				
Vinyl acetate	8.10		"	10.0		81.0	70-130				
Vinyl bromide	10.3		"	10.0		103	70-130				
Vinyl Chloride	10.1		"	10.0		101	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40470 - EPA TO15 PREP

Duplicate (BG40470-DUP1)	*Source sample: 24G0313-04 (Duplicate)					Prepared: 07/07/2024 Analyzed: 07/08/2024					
1,1,1,2-Tetrachloroethane	ND	1.0	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.83	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.2	"		ND					25	
1,1,2-Trichloroethane	ND	0.83	"		ND					25	
1,1-Dichloroethane	ND	0.61	"		ND					25	
1,1-Dichloroethylene	ND	0.15	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.75	"		ND					25	
1,2-Dibromoethane	ND	1.2	"		ND					25	
1,2-Dichlorobenzene	ND	0.91	"		ND					25	
1,2-Dichloroethane	ND	0.61	"		ND					25	
1,2-Dichloropropane	ND	0.70	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.1	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.75	"		ND					25	
1,3-Butadiene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	0.91	"		ND					25	
1,3-Dichloropropane	ND	0.70	"		ND					25	
1,4-Dichlorobenzene	1.2	0.91	"		1.2				0.00	25	
1,4-Dioxane	ND	1.1	"		ND					25	
2,2,4-Trimethylpentane	ND	0.35	"		ND					25	
2-Butanone	1.8	0.45	"		1.7				2.53	25	
2-Hexanone	ND	1.2	"		ND					25	
3-Chloropropene	ND	2.4	"		ND					25	
4-Methyl-2-pentanone	ND	0.62	"		ND					25	
Acetone	1.8	0.72	"		1.7				2.06	25	
Acrylonitrile	ND	0.33	"		ND					25	
Benzene	ND	0.48	"		ND					25	
Benzyl chloride	ND	0.78	"		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Bromoform	ND	1.6	"		ND					25	
Bromomethane	ND	0.59	"		ND					25	
Carbon disulfide	ND	0.47	"		ND					25	
Carbon tetrachloride	ND	0.24	"		ND					25	
Chlorobenzene	ND	0.70	"		ND					25	
Chloroethane	ND	0.40	"		ND					25	
Chloroform	3.1	0.74	"		3.0				4.88	25	
Chloromethane	ND	0.31	"		ND					25	
cis-1,2-Dichloroethylene	0.42	0.15	"		0.42				0.00	25	
cis-1,3-Dichloropropylene	ND	0.69	"		ND					25	
Cyclohexane	ND	0.52	"		ND					25	
Dibromochloromethane	ND	1.3	"		ND					25	
Dichlorodifluoromethane	2.4	0.75	"		2.4				0.00	25	
Ethyl acetate	ND	1.1	"		ND					25	
Ethyl Benzene	ND	0.66	"		ND					25	
Hexachlorobutadiene	ND	1.6	"		ND					25	
Isopropanol	1.8	0.75	"		1.7				4.26	25	
Methyl Methacrylate	ND	0.62	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.55	"		ND					25	
Methylene chloride	ND	1.1	"		ND					25	
Naphthalene	ND	1.6	"		ND					25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40470 - EPA TO15 PREP

Duplicate (BG40470-DUP1)	*Source sample: 24G0313-04 (Duplicate)					Prepared: 07/07/2024 Analyzed: 07/08/2024					
n-Heptane	ND	0.62	ug/m ³		ND						25
n-Hexane	ND	0.53	"		ND						25
o-Xylene	ND	0.66	"		ND						25
p- & m- Xylenes	ND	1.3	"		ND						25
p-Ethyltoluene	ND	0.75	"		ND						25
Propylene	ND	0.26	"		ND						25
Styrene	ND	0.65	"		ND						25
Tetrachloroethylene	ND	1.0	"		ND						25
Tetrahydrofuran	ND	0.89	"		ND						25
Toluene	ND	0.57	"		ND						25
trans-1,2-Dichloroethylene	ND	0.60	"		ND						25
trans-1,3-Dichloropropylene	ND	0.69	"		ND						25
Trichloroethylene	ND	0.20	"		ND						25
Trichlorofluoromethane (Freon 11)	1.4	0.85	"		1.4				0.00		25
Vinyl acetate	ND	0.53	"		ND						25
Vinyl bromide	ND	0.66	"		ND						25
Vinyl Chloride	ND	0.19	"		ND						25





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2" Hg. The optimum pressure range for constant flow rate is full vacuum to -2" Hg. Bias is not suspected provided there was constant flow to the can to 75% full.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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

Revision Description: This report has been revised to change the Project ID.

