

September 17, 2024

Steven Hurwitz
38-18 33rd Street LLC & 32-20 38th Avenue LLC
c/o Cavu Property Group
2233 Nostrand Avenue
Brooklyn, NY 11210

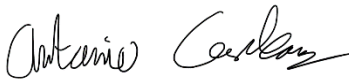
Re: 38-18 33rd Street and 32-20 38th Avenue, Queens, New York 11101
Phase II Environmental Site Assessment Report

Dear Mr. Hurwitz:

Vektor Consultants, LLC (Vektor) is pleased to provide the enclosed Phase II Environmental Site Assessment Report for the properties located at 38-18 33rd Street and 32-20 38th Avenue, Queens, New York. The following report describes the background, field investigation, methodologies, and findings of our recent Phase II Environmental Site Assessment and Supplemental Investigation 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

**PHASE II ENVIRONMENTAL
SITE ASSESSMENT REPORT**

Project Address: 38-18 33rd Street and
32-20 38th Avenue
Queens, New York 11101

Report Date: 9/17/2024

Project No: 24-0012

Prepared For: 38-18 33rd Street LLC & 32-20 38th Avenue LLC
c/o Cavu Property Group
2233 Nostrand Avenue
Brooklyn, NY 11210

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1.0 INTRODUCTION

Vektor Consultants, LLC (Vektor) prepared this Phase II Environmental Site Assessment summarizing the results of our recent assessment performed at 38-18 33rd Street and 32-20 38th Avenue in Queens, New York (“the Site”). This assessment was conducted in general accordance with 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 Phase II Environmental Site Assessment was to evaluate if the historical uses of the Site and surrounding properties have adversely impacted the subsurface conditions beneath the Site. 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 38-18 33rd Street LLC & 32-20 38th Avenue 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 38-18 33rd Street and 32-20 38th Avenue, is located on the northeast corner of the 38th Avenue and 33rd Street intersection in Queens County, New York. The Site consists of two tax lots totaling approximately 29,375 square feet. The legal description of the Subject Property is New York City Department of Finance Tax Block 381, Lots 5 and 16. Figure 1 provides the site location map.

Lot 5 is developed with a three-story warehouse with a partial cellar and a concrete-paved parking lot. Lot 16 is developed with a two-story commercial building. The two buildings are interconnected on the first floor. Currently, the Site is being utilized for storage, office space, and parking.

2.2 Environmental Setting of the Property

The subsurface materials beneath the Site are generally described from surface grade to 17 feet below grade surface as light brown fine-grained sand with varying amounts of fine gravel, concrete, asphalt, glass, fine to medium-grained sand, weathered rock, and silt. From 17 to 25 feet below grade is described as brown fine sand with varying amounts of fine gravel, silt, and clay. Based on our investigation, the depth of groundwater is approximately 13.8 feet below grade surface (bgs).

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 southwest towards Newtown Creek, located approximately 0.80 miles to the southwest of the Site.

2.3 Prior Investigations

Phase I Environmental Site Assessment at 32-20 38th Avenue, Queens, New York, by H2M architects + engineers. January 2023

- H2M architects + engineers (H2M) prepared this report for Lot 16 on behalf of Venta Industries, LLC, in accordance with ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- The following Recognized Environmental Conditions (RECs) were identified during the Phase I:
 - Presence of a vapor encroachment condition (VEC) due to the reported petroleum-related releases, dry cleaning, and auto repair operations in the vicinity of the property.

- Listing of the property on the NYC E-Designation database. Future development activities at the subject property will require formal environmental investigations, including soil vapor and soil and groundwater sampling, and approvals obtained through the New York City Mayor's Office of Environmental Remediation.
- The following Business Environmental Risks (BERs) were identified during the Phase I ESA:
 - The building's historical uses as a chemical laboratory, a jewelry manufacturing company, and a storage and reclamation of refrigerant gases.
 - The building's floor drains are also reportedly capped due to stormwater runoff causing floods. H2M considered this a BER due to the unknown conditions of the bottom sediments within the floor drains.

Phase I Environmental Site Assessment at 38-18 33rd Street, Queens, New York by H2M architects + engineers. January 2023

- H2M architects + engineers (H2M) prepared this report for Lot 5 on behalf of Vecta Industries, LLC, in accordance with ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- The following Recognized Environmental Conditions (RECs) were identified during the Phase I:
 - Presence of a vapor encroachment condition (VEC) due to the reported petroleum-related releases, dry cleaning, and auto repair operations in the vicinity of the property.
 - Listing of the property on the NYC E-Designation database. Future development activities at the subject property will require formal environmental investigations, including soil vapor and soil and groundwater sampling, and approvals obtained through the New York City Mayor's Office of Environmental Remediation.
- The following Historical Recognized Environmental Condition (HREC) was identified during the Phase I ESA:
 - Former spill on the property that occurred on March 20, 2019. According to the report, 25 gallons of diesel fuel were released due to a ruptured tank, and a large amount of absorbent was spread out to cover the fuel staining on the street. DEP's Division of Emergency Response and Technical Assessment (DERTA) verified that no underground structures were impacted by the fuel spill, and any remaining fuel was returned to the vehicle's gas tank. All materials regarding the fuel spill were removed from the location, and the New York City Department of Sanitation (DOS) was contacted for additional clean-up.

- The following Business Environmental Risks (BERs) were identified during the Phase I ESA:
 - The building's historical uses as storage and reclamation of refrigerant gases.
 - The subject building currently operates with a fuel oil aboveground storage tank in the basement to supply fuel for a backup generator. During the visual inspection of this system, no evidence of leaking or damage was noted. Therefore, the presence of an active fuel oil AST is considered a BER.
 - The building's floor drains are also reportedly capped due to stormwater runoff causing floods. H2M considers this a BER due to the unknown conditions of the bottom sediments within the floor drains.
- The following De Minimis Condition was identified during the Phase I ESA:
 - During the visual site inspection, pools of water were observed on the floor in both boiler rooms. Water was leaking overhead from the pipes in the boiler room located in the basement. No sheens or unusual odors indicative of a fuel oil release were observed.

Based on our review of the available Phase I ESA Reports, the historical industrial uses of both Lot 5 and 16, as well as the historical uses of surrounding properties (e.g., dry cleaners, auto repair shops), are considered RECs. These facilities typically use hazardous substances as part of their operations, and any potential releases might have adversely impacted the subsurface conditions beneath the Site.

Based on the findings above, Vektor recommended a limited Phase II Environmental Site Assessment to evaluate if the former industrial operations have adversely impacted the subsurface conditions beneath the Site prior to the acquisition of the properties.

3.0 FIELD INVESTIGATION

A limited Phase II investigation consisting of performance of a geophysical survey, installation and sampling of eight soil borings, installation and sampling of two temporary groundwater monitoring wells, and the installation and sampling of five soil vapor points was conducted at the Site from July 18, 2024 to July 19, 2024. A supplemental investigation consisting of the installation and sampling of three monitoring wells and the installation and sampling of twelve soil vapor points was conducted at the Site from August 7, 2024 to August 8, 2024.

3.1 Geophysical Survey

Prior to intrusive sampling, Coastal Environmental Solutions, Inc. (Coastal) of Bohemia, New York, conducted a geophysical survey on July 18, 2024. The purpose of the geophysical survey was to identify anomalies, locate buried utilities, clear boring locations, and identify possible suspect underground storage tank areas. Coastal utilized Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna, a radio-detection RD7000 precision utility locator, and a Fisher M-Scope TW-6 pipe and cable locator. The geophysical survey was conducted for the entirety of the property.

3.2 Soil Investigation

Coastal was retained to install eight soil borings throughout the Site on July 18, 2024, to investigate potential impacts to the subsurface due to historical use of the property as a chemical laboratory, jewelry manufacturing, and as a storage of refrigerant gases. Soil borings designated as SB-1 and SB-2 were advanced to 25 feet below grade surface (bgs), SB-3 was advanced to 18 feet bgs, borings SB-4, SB-5, SB-6, and SB-8 were advanced to 12 feet bgs utilizing a direct-push Geoprobe 6620DT. SB-7 was hand augured to 4 feet bgs due to mechanical issues with the Geoprobe. A map showing the location of soil borings is shown in Figure 2.

Soil samples were collected continuously into 5-foot sample barrels lined with dedicated acetate sleeves. Continuous soil samples collected from each boring were field screened for the presence of volatile organic compounds (VOCs) with a photoionization detector (PID) and visually inspected for evidence of contamination. One sample from each boring was collected based on field observations. The PID readings in the soil samples were all detected at 0.0 parts per million (ppm), except for SB-2 at the 2-4 ft bgs interval, which was detected at 19.1 ppm, and the 22-23 ft bgs interval detected at 0.5 ppm. Therefore, one sample from each boring was collected at staggered depths across the Site to investigate subsurface conditions. Two samples were collected at SB-2 based on field observations and a deep sample above the groundwater interface. Soil samples from each boring location were collected as follows:

- A soil sample from 12 to 14 feet interval was collected from SB-1.
- Two soil samples from the 2 to 4 feet and the 16 to 18 feet intervals were collected from SB-2.
- A soil sample from 16 to 18 feet interval was collected from SB-3.
- A soil sample from 10 to 12 feet interval was collected from SB-4.
- A soil sample from 10 to 12 feet interval was collected from SB-5.
- A soil sample from 8 to 10 feet interval was collected from SB-6.
- A soil sample from 2 to 4 feet interval was collected from SB-7.
- A soil sample from 10 to 12 feet interval was collected from SB-8.

The subsurface materials beneath the Site are generally described from surface grade to 17 feet below grade surface as light brown fine-grained sand with varying amounts of fine gravel, concrete, asphalt, glass, fine to medium-grained sand, weathered rock, and silt. From 17 to 25 feet below grade is described as brown fine sand with varying amounts of fine gravel, silt, and clay. Groundwater was encountered at approximately 18 feet below grade surface. 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.

Soil samples were analyzed at the New York State Department of Health ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, and Target Analyte List (TAL) Metals by EPA Method 6000/7000.

3.3 Groundwater Sampling

Limited Phase II Investigation – July 2024

Two temporary monitoring wells were installed at the Site, followed by the installation and sampling of soil borings. Temporary groundwater wells designated GW-1 and GW-2 were installed utilizing a direct-push Geoprobe 6620DT. Figure 2 provides a map showing the locations of the monitoring wells.

The temporary wells GW-1 and GW-2 were installed to a depth of 25 feet bgs as groundwater was encountered at approximately 18 feet bgs and consisted of a 1- 1-foot-long section of 1-inch diameter PVC riser pipes and 10-foot-long slotted PVC well screens set from 15 to 25

feet bgs. The completed monitoring well was then backfilled with silica sand and sealed with bentonite slurry. The monitoring well construction log is provided in Appendix B.

Representative groundwater samples were analyzed for TCL VOCs via USEPA Method 8260, TCL SVOCs via USEPA Method 8270, and Target Analyte Metals by EPA Methods 6000/7000.

Supplemental Investigation – August 2024

Three groundwater monitoring wells designated as MW-1 through MW-3 were installed at the Site utilizing a direct-push Geoprobe 6620DT. Figure 2 provides a map showing the locations of the monitoring wells.

The monitoring wells MW-1 and MW-2 were installed to a depth of 20 feet bgs, and each well consisted of a 10-foot-long section of 1-inch diameter PVC riser pipe and a 5-foot-long slotted PVC well screen set from 10 to 20 feet bgs. MW-3 was installed to 22 feet bgs and consisted of a 12-foot-long section of 1-inch diameter PVC riser pipes and a 5-foot-long slotted PVC well screen set from 12 to 22 feet bgs. The completed monitoring wells were then backfilled with silica sand and sealed with bentonite slurry. The monitoring well construction logs are provided in Appendix B.

Representative groundwater samples were analyzed for TCL VOCs via USEPA Method 8260.

No significant amounts of derived wastes were generated during this assessment.

3.4 Soil Vapor Sampling

Limited Phase II Investigation – July 2024

Five soil vapor points, designated as SV-1 through SV-5, were installed throughout the Site on July 18, 2024, to assess potential soil vapor impacts beneath the Site. Soil Vapor points SV-1, SV-2, and SV-5 were installed to 10 feet bgs, and SV-3 and SV-4 were installed to approximately 2.5 feet bgs due to mechanical issues with the Geoprobe. It should be noted that SV-2 was installed immediately below the cellar slab. Five soil vapor samples (SV-1 through SV-5) were collected on July 19, 2024.

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 2-hour flow controllers during the sampling event on June 27, 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.

Supplemental Investigation – August 2024

Twelve soil vapor points, designated as SV-6 through SV-9, SV-1D, SV-10S, SV-10D, SV-11S, SV-11D, SV-12S, and SV-12D, were installed throughout the Site on August 7, 2024, to delineate the soil vapor impacts beneath the Site. Soil Vapor points SV-6, SV-7, SV-8, SV-9, SV-10S, SV-11s, and SV-12S were installed to 10 feet bgs, and SV-1D, SV-10D, SV-5D, SV-11D, and SV-12D were installed to 13 feet bgs (i.e., above the water table). Twelve soil vapor samples were collected on August 8, 2024.

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 2-hour flow controllers during the sampling event on August 8, 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 from the sampling events are shown in Figure 2. Soil vapor sampling logs are included in Table 1.

4.0 ANALYTICAL RESULTS AND DISCUSSION

4.1 Geophysical Survey

The geophysical survey did not identify any anomalies or areas of concern indicative of potential underground storage tank(s).

4.2 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).

No VOCs or SVOCs were detected in the soil samples above their respective NYSDEC Part 375 Unrestricted Use SCOs or Restricted Residential Use SCOs.

One metal, arsenic (max. of 25.7 mg/kg in SB-8 (10'-12')), was detected at concentrations exceeding its respective Restricted Residential Use SCO in one soil sample. Two metals, zinc (max. of 124 mg/kg in SB-7 (2'-4')) and nickel (max. of 43 mg/kg in SB-8 (10'-12')) were detected at concentrations exceeding their respective Unrestricted Use SCOs but below their Restricted Residential Use SCOs. No other metals were detected at concentrations exceeding their respective regulatory SCOs in any of the soil samples.

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR SCO (ppm)
Arsenic	SB-8 (10'-12')	25.7	UUSCO: 13 RRSCO: 16
	SB-3 (16'-18')	31.7	UUSCO: 30
Nickel	SB-8 (10'-12')	43	RRSCO: 310
	SB-7 (2'-4')	124	UUSCO: 109 RRSCO: 10,000

Tables 2 through 4 provide the analytical summary results. The analytical laboratory report for the soil samples collected is provided in Appendix C.

4.3 Groundwater Analytical Results

Groundwater analytical results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards (AWQS). All results are reported in micrograms per liter (µg/L).

Two chlorinated VOCs, tetrachloroethylene (PCE) (max. of 33 µg/L) and trichloroethylene (TCE) (max. of 12 µg/L), were detected above their respective AWQS in groundwater samples GW-1 and MW-1. Another chlorinated VOC, trans-1,2-dichloroethylene (10 µg/L), was detected above its respective AWQS in groundwater sample MW-1. Based on the results, impacts likely due to historical on-site operations were identified in groundwater.

No SVOCs above their respective AWQS were identified in groundwater samples.

Six total metals, chromium (max. of 92.6 µg/L), lead (max. of 95.7 µg/L), magnesium (max. of 46,300 µg/L), manganese (max. of 5,720 µg/L), mercury (max. of 0.8 µg/L), and sodium (max. of 789,000 µg/L), were detected above their respective AWQS in the groundwater samples collected from GW-1 and GW-2.

Due to a field error, only GW-1 had dissolved metals analyzed. One dissolved metal, sodium, was detected above its respective AWQS in GW-1 (79,200µg/L).

Contaminant	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Tetrachloroethylene	GW-1	8.37	5
	MW-1	33	
Trans-1,2-dichloroethylene	MW-1	10	5
Trichloroethylene	GW-1	7.8	5
	MW-1	12	
Sodium (Dissolved)	GW-1	79,200	20,000

Tables 5 through 7 provide the analytical summary results. The analytical laboratory reports for the groundwater samples are provided in Appendix D.

4.4 Soil Vapor Analytical Results

Soil vapor samples collected during the investigations 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. The findings were evaluated by comparing to the available soil and groundwater results.

Phase II Subsurface Investigation

Total concentrations of petroleum-related VOCs, benzene, toluene, ethyl benzene, and total xylene (BTEX) ranged from 5.1 $\mu\text{g}/\text{m}^3$ in SV-3 to 28.1 $\mu\text{g}/\text{m}^3$ in SV-5 beneath the Site.

Elevated concentrations of chlorinated VOCs (CVOCs) were detected in all five soil vapor samples as follows:

- Tetrachloroethylene was detected in all five vapor samples. The concentrations ranged from 1.2 $\mu\text{g}/\text{m}^3$ in SV-3 to 33,000 $\mu\text{g}/\text{m}^3$ in SV-1.
- Trichloroethylene was detected in all five soil vapor samples. Concentrations ranged from 0.58 $\mu\text{g}/\text{m}^3$ in SV-3 to 90,000 $\mu\text{g}/\text{m}^3$ in SV-1.
- Carbon tetrachloride was detected in three soil vapor samples, with concentrations ranging from 1.3 $\mu\text{g}/\text{m}^3$ in SV-2 to 3.4 $\mu\text{g}/\text{m}^3$ in SV-5.
- 1,1-dichloroethylene was detected in SV-2 at a concentration of 0.69 $\mu\text{g}/\text{m}^3$. 1,1,1-trichloroethane was detected in three soil vapor samples, with concentrations ranging from 1 $\mu\text{g}/\text{m}^3$ in SV-2 and 10 $\mu\text{g}/\text{m}^3$ in SV-1.
- Cis-1,2-dichloroethylene (cis-1,2-DCE) was detected in two soil vapor samples, SV-1 at a concentration of 160 $\mu\text{g}/\text{m}^3$ and SV-2 at a concentration of 0.69 $\mu\text{g}/\text{m}^3$.
- Methylene chloride was only detected in SV-2 at a concentration of 1.3 $\mu\text{g}/\text{m}^3$.
- Vinyl chloride was detected in SV- at a concentration of 0.4 $\mu\text{g}/\text{m}^3$.

Other VOCs detected include 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113) (max. of 41 $\mu\text{g}/\text{m}^3$ in SV-4), 1,1,2,2-tetrachloroethane (max. of 1.6 $\mu\text{g}/\text{m}^3$ in SV-2), 1,1-dichloroethane (max. of 0.78 $\mu\text{g}/\text{m}^3$ in SV-2), 1,2,4-trichlorobenzene (max. of 2.7 $\mu\text{g}/\text{m}^3$ in SV-2), 1,2,4-trimethylbenzene (max. of 5 $\mu\text{g}/\text{m}^3$ in SV-2), 1,2-dichlorobenzene (max. of 2.6 $\mu\text{g}/\text{m}^3$ in SV-2), 1,2-dichloroethane (max. of 0.78 $\mu\text{g}/\text{m}^3$ in SV-2), 1,3,5-trimethylbenzene (max. of 3.3 $\mu\text{g}/\text{m}^3$ in SV-2), 1,3-dichlorobenzene (max. of 2 $\mu\text{g}/\text{m}^3$ in SV-2), 1,4-dichlorobenzene (max. of 2.1 $\mu\text{g}/\text{m}^3$ in SV-2), 1,4-dioxane (max. of 3.4 $\mu\text{g}/\text{m}^3$ in SV-2), 2,2,4-trimethylpentane (max. of 0.9 $\mu\text{g}/\text{m}^3$ in SV-2), 2-butanone (max. of 19 $\mu\text{g}/\text{m}^3$ in SV-4), 2-hexanone (max. of 3.1 $\mu\text{g}/\text{m}^3$ in SV-2), 4-methyl-2-pentanone (max. of 7.4 $\mu\text{g}/\text{m}^3$ in SV-5), acetone (max. of 830 $\mu\text{g}/\text{m}^3$ in SV-4), acrylonitrile (max. of 5.9 $\mu\text{g}/\text{m}^3$ in SV-5), benzyl chloride (max. of 1.7 $\mu\text{g}/\text{m}^3$ in SV-2), bromomethane (max. of 1 $\mu\text{g}/\text{m}^3$ in SV-2), carbon disulfide (max. of 44 $\mu\text{g}/\text{m}^3$ in SV-5), chlorobenzene (max. of 0.88 $\mu\text{g}/\text{m}^3$ in SV-2), chloroethane (max. of 0.55 $\mu\text{g}/\text{m}^3$ in SV-2), chloroform (max. of 130 $\mu\text{g}/\text{m}^3$ in SV-1), cyclohexane (max. of 0.66 $\mu\text{g}/\text{m}^3$ in SV-2), dichlorodifluoromethane (max. of 190 $\mu\text{g}/\text{m}^3$ in SV-1), hexachlorobutadiene (max. of 5.6 $\mu\text{g}/\text{m}^3$ in SV-2), isopropanol (max. of 31 $\mu\text{g}/\text{m}^3$ in SV-4), methyl methacrylate (max. of 1.1 $\mu\text{g}/\text{m}^3$ in SV-2), methyl tert-butyl ether (MTBE) (max. of 0.69 $\mu\text{g}/\text{m}^3$ in SV-2), naphthalene (max. of 3.6 $\mu\text{g}/\text{m}^3$ in SV-2), n-heptane (max. of 0.79 $\mu\text{g}/\text{m}^3$ in SV-2), n-hexane (max. of 0.8

$\mu\text{g}/\text{m}^3$ in SV-2), p-ethyltoluene (max. of $4.2 \mu\text{g}/\text{m}^3$ in SV-2), styrene (max. of $1.5 \mu\text{g}/\text{m}^3$ in SV-2), tetrahydrofuran (max. of $1.4 \mu\text{g}/\text{m}^3$ in SV-3), trans-1,2-dichloroethylene (max. of $24 \mu\text{g}/\text{m}^3$ in SV-1), trichlorofluoromethane (Freon 11) (max. of $4,300 \mu\text{g}/\text{m}^3$ in SV-1), propylene (max. of $62 \mu\text{g}/\text{m}^3$ in SV-5), and vinyl bromide (max. of $0.84 \mu\text{g}/\text{m}^3$ in SV-2).

Results showed low concentrations of petroleum-related VOCs and elevated concentrations of chlorinated VOCs (CVOCs) as well as elevated concentrations of Freon in all soil vapor samples. It appears that a release had occurred from the former site operations. A supplemental soil vapor sampling to delineate the extent was conducted, and the results are described below.

Supplemental Investigation

Total concentrations of petroleum-related VOCs, benzene, toluene, ethyl benzene, and total xylene (BTEX) ranged from $5.3 \mu\text{g}/\text{m}^3$ in SV-6 to $172.6 \mu\text{g}/\text{m}^3$ in SV-5D beneath the Site.

Elevated concentrations of CVOCs were detected in all four soil vapor samples as follows:

- Tetrachloroethylene was detected in all twelve vapor samples. The concentrations ranged from $19 \mu\text{g}/\text{m}^3$ in SV-12D to $44,000 \mu\text{g}/\text{m}^3$ in SV-8.
- Trichloroethylene was detected in all twelve soil vapor samples. The concentrations ranged from $360 \mu\text{g}/\text{m}^3$ in SV-12D to $130,000 \mu\text{g}/\text{m}^3$ in SV-8.
- Carbon tetrachloride was detected in eleven of the soil vapor samples. The concentrations ranged from $3.8 \mu\text{g}/\text{m}^3$ in SV-8 to $28 \mu\text{g}/\text{m}^3$ in SV-12D.
- 1,1,1-trichloroethane was detected in seven of the soil vapor samples. The concentrations ranged from $13 \mu\text{g}/\text{m}^3$ in SV-8 to $28 \mu\text{g}/\text{m}^3$ in SV-1D.
- Cis-1,2-dichloroethylene (cis-1,2-DCE) was detected in four soil vapor samples. The concentrations ranged from $8.6 \mu\text{g}/\text{m}^3$ in SV-7 to $190 \mu\text{g}/\text{m}^3$ in SV-1D.
- The CVOCs 1,1-dichloroethylene (1,1-DCE), methylene chloride, and vinyl chloride were not detected in any of the soil vapor samples.

Other VOCs detected include 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113) (max. of $120 \mu\text{g}/\text{m}^3$ in SV-10S), 1,2-dichlorotetrafluoroethane (max. of $25 \mu\text{g}/\text{m}^3$ in SV-10S), 1,3-Butadiene (max. of $84 \mu\text{g}/\text{m}^3$ in SV-5D), 1,2,4-trimethylbenzene (max. of $8.8 \mu\text{g}/\text{m}^3$ in SV-9), 1,3,5-trimethylbenzene (max. of $8.8 \mu\text{g}/\text{m}^3$ in SV-9), 2,2,4-trimethylpentane (max. of $3.8 \mu\text{g}/\text{m}^3$ in SV-5D), 2-butanone (max. of $98 \mu\text{g}/\text{m}^3$ in SV-11D), 2-hexanone (max. of $33 \mu\text{g}/\text{m}^3$ in SV-11D), 3-chloropropene (max. of $31 \mu\text{g}/\text{m}^3$ in SV-5D), 4-methyl-2-pentanone (max. of $18 \mu\text{g}/\text{m}^3$ in SV-11D), acetone (max. of $570 \mu\text{g}/\text{m}^3$ in SV-11D), acrylonitrile (max. of $21 \mu\text{g}/\text{m}^3$ in SV-11S), carbon disulfide (max. of $68 \mu\text{g}/\text{m}^3$ in SV-5D), chloroform (max. of $280 \mu\text{g}/\text{m}^3$ in SV-1D), cyclohexane (max. of $7.9 \mu\text{g}/\text{m}^3$ in SV-12D), chloromethane (max. of 3.7

$\mu\text{g}/\text{m}^3$ in SV-5D), dichlorodifluoromethane (max. of $420 \mu\text{g}/\text{m}^3$ in SV-10S), isopropanol (max. of $23 \mu\text{g}/\text{m}^3$ in SV-8), n-heptane (max. of $46 \mu\text{g}/\text{m}^3$ in SV-5D), n-hexane (max. of $46 \mu\text{g}/\text{m}^3$ in SV-5D), p-ethyltoluene (max. of $8 \mu\text{g}/\text{m}^3$ in SV-9), propylene (max. of $830 \mu\text{g}/\text{m}^3$ in SV-5D), trans-1,2-dichloroethylene (max. of $40 \mu\text{g}/\text{m}^3$ in SV-1D), and trichlorofluoromethane (Freon 11) (max. of $14,000 \mu\text{g}/\text{m}^3$ in both SV-10S and SV-10D).

Results showed low concentrations of petroleum-related VOCs and elevated concentrations of chlorinated VOCs (CVOCs) as well as elevated concentrations of Freon in all soil vapor samples. It appears that a release had occurred from the former site operations.

Table 4 provides the analytical summary results. The laboratory analytical report for the soil vapor samples collected is provided in Appendix E.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Vektor prepared this Phase II Environmental Assessment Report summarizing the results of our recent assessment performed at 38-18 33rd Street and 32-20 38th Avenue, Queens, New York (the "Site"). The conclusions of the investigations are as follows:

- The subsurface materials were generally described from surface grade to 17 feet below grade as light brown fine-grained sand with varying amounts of fine gravel, concrete, asphalt, glass, fine to medium-grained sand, weathered rock, and silt. From 17 to 25 feet below grade, brown fine sand with varying amounts of fine gravel, silt, and clay is described.
- The geophysical survey did not identify any anomalies or areas of concern indicative of underground storage tanks.
- Groundwater was encountered at a range of approximately 13.8 to 15.2 feet.
- No PID readings were detected in the soil samples, except for SB-2 at the 2-4 feet interval and 22-23 feet interval, which was detected at 19.1 and 0.5 parts per million (ppm), respectively.
- No VOCs or SVOCs were detected in the soil samples above their respective NYSDEC Part 375 Unrestricted Use SCOs.
- One heavy metal, arsenic, was detected in one soil sample at a concentration above its respective Part 375 Restricted Residential Use SCO.
- Chlorinated VOC impacts (PCE, TCE, and trans-1,2-dichloroethylene) were identified in the groundwater, specifically in the western portion of the Site.
- Results showed low concentrations of petroleum-related VOCs and elevated concentrations of chlorinated VOCs (CVOCs) in all soil vapor samples. Furthermore, Freon was detected at elevated concentrations in almost all soil vapor samples. Although Freon does not have a regulatory standard, it was utilized during the historical operations at the Site, and therefore, the results suggest a release from former uses of the Site.

Based on the results of the Phase II Environmental Site Assessment, impacts to groundwater and soil vapor beneath the Site are identified. Vektor recommends reporting the results to the NYSDEC and remediating the Site under one of their available programs.

Sincerely,
Vektor Consultants



Antonio Cardenas
Assistant Project Manager



Ezgi Karayel
Principal

TABLES

Table 1 - Soil Vapor Sampling Logs
 32-20 38th Avenue and 38-18 33rd Street, Queens, NY 11238

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
7/19/2024	SV-1	49460	16420	~30	~6	934	7/19/2024	1134	7/19/2024
7/19/2024	SV-2	34498	20232	~30	~9	936	7/19/2024	1136	7/19/2024
7/19/2024	SV-3	37794	7363	~30	~6	930	7/19/2024	1130	7/19/2024
7/19/2024	SV-4	41847	17896	~30	~6	931	7/19/2024	1131	7/19/2024
7/19/2024	SV-5	15524	13556	~30	~7	939	7/19/2024	1139	7/19/2024
8/8/2024	SV-1D	28312	17189	~30	-8	825	8/8/2024	1225	8/8/2024
8/8/2024	SV-10S	48314	20457	~30	-7	819	8/8/2024	1219	8/8/2024
8/8/2024	SV-10D	41838	19393	~30	-8	806	8/8/2024	1206	8/8/2024
8/8/2024	SV-6	48304	6867	~30	-6	757	8/8/2024	1157	8/8/2024
8/8/2024	SV-7	41845	13556	-29	-6	750	8/8/2024	1150	8/8/2024
8/8/2024	SV-8	49989	12191	~30	-8	833	8/8/2024	1233	8/8/2024
8/8/2024	SV-9	18303	19918	~30	-6	836	8/8/2024	1236	8/8/2024
8/8/2024	SV-5D	36987	19392	~30	-5	854	8/8/2024	1254	8/8/2024
8/8/2024	SV-11S	48320	7077	~30	-4	850	8/8/2024	1250	8/8/2024
8/8/2024	SV-11D	37798	20445	~30	-5	846	8/8/2024	1246	8/8/2024
8/8/2024	SV-12S	20944	19413	~30	-5	903	8/8/2024	1303	8/8/2024
8/8/2024	SV-12D	34497	20411	~30	-6	859	8/8/2024	1559	8/8/2024

Table 2
VOCs in Soil Samples
38-18 33rd Street and 32-20 38th Avenue, Queens New York

Sample ID Laboratory ID Sampling Date Sample Matrix	Compound	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential	SB-1 (12'-14') 24G1298-06 7/18/2024		SB-2 (2'-4') 24G1298-07 7/18/2024		SB-2 (16'-18') 24G1298-05 7/18/2024		SB-3 (16'-18') 24G1298-08 7/18/2024		SB-4 (10'-12') 24G1298-04 7/18/2024		SB-5 (10'-12') 24G1298-02 7/18/2024		SB-6 (8'-10') 24G1298-01 7/18/2024		SB-7 (2'-4') 24G1298-09 7/18/2024		SB-8 (10'-12') 24G1298-03 7/18/2024			
					Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatiles Organics, 8260 - Comprehensive																								
Dilution Factor																								
	1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,1,1-Trichloroethane	71-55-6	0.68	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,1,2-Trichloroethane	79-00-5	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,1-Dichloroethane	75-34-3	0.27	26	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,1-Dichloroethylene	75-35-4	0.33	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2,3-Trichlorobenzene	87-61-6	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2,3-Trichloropropane	96-18-4	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2,4-Trichlorobenzene	120-82-1	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2,4-Trimethylbenzene	95-63-6	3.6	52	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2-Dibromoethane	106-93-4	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2-Dichlorobenzene	95-50-1	1.1	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2-Dichloroethane	107-06-2	0.02	3.1	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,2-Dichloropropane	78-87-5	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,3,5-Trimethylbenzene	108-67-8	8.4	52	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,3-Dichlorobenzene	541-73-1	2.4	49	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,4-Dichlorobenzene	106-46-7	1.8	13	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	1,4-Dioxane	123-91-1	0.1	13	0.0560	U	0.0440	U	0.0420	U	0.0440	U	0.0520	U	0.0540	U	0.0560	U	0.0580	U	0.05	U		
	2-Butanone	78-93-3	0.12	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	2-Hexanone	581-78-6	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	4-Methyl-2-pentanone	108-10-1	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Acetone	67-64-1	0.05	100	0.0556	U	0.0444	U	0.0442	U	0.0444	U	0.0552	U	0.0554	U	0.0593	U	0.0558	U	0.0550	U		
	Acrolein	107-02-8	~	~	0.0556	U	0.0444	U	0.0442	U	0.0444	U	0.0552	U	0.0554	U	0.0593	U	0.0558	U	0.0550	U		
	Acrylonitrile	107-13-1	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Benzene	71-43-2	0.06	4.8	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Bromochloromethane	74-97-5	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Bromodichloromethane	75-27-4	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Bromoform	75-25-2	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Bromomethane	74-83-9	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Carbon disulfide	75-15-0	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Carbon tetrachloride	56-23-5	0.76	2.4	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Chlorobenzene	108-90-7	1.1	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Chloroethane	75-00-3	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Chloroform	67-66-3	0.37	49	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Chloromethane	74-87-3	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Cyclohexane	110-83-1	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Dibromochloromethane	124-48-1	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Dibromomethane	74-95-3	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Dichlorodifluoromethane	75-71-8	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Ethyl Benzene	100-41-4	1	41	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Hexachlorobutadiene	87-68-3	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Isopropylbenzene	98-82-8	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Methyl acetate	79-20-9	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Methylcyclohexane	108-87-2	~	~	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027	U	0.0028	U	0.0029	U	0.0025	U		
	Methylene chloride	75-09-2	0.05	100	0.0556	U	0.0444	U	0.0442	U	0.0444	U	0.0552	U	0.0554	U	0.0593	U	0.0558	U	0.0550	U		
	n-Butylbenzene	104-51-8	12	100	0.0028	U	0.0022	U	0.0021	U	0.0022	U	0.0026	U	0.0027</									

Table 3
SVOCs in Soil Samples
38-18 33rd Street and 32-20 38th Avenue, Queens New York

Sample ID	SB-1 (12'-14')	SB-2 (2'-4')	SB-2 (16'-18')	SB-3 (16'-18')	SB-4 (10'-12')	SB-5 (10'-12')	SB-6 (8'-10')	SB-7 (2'-4')	SB-8 (10'-12')										
Laboratory ID	24G1298-06	24G1298-07	24G1298-05	24G1298-08	24G1298-04	24G1298-02	24G1298-01	24G1298-09	24G1298-03										
Sampling Date	7/18/2024	7/18/2024	7/18/2024	7/18/2024	7/18/2024	7/18/2024	7/18/2024	7/18/2024	7/18/2024										
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil										
Compound	CAS Number	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg										
Semi-Volatiles, B270 - Comprehensive																			
Dilution Factor																			
1,1-Dibiphenyl	92-52-4	~	~	0.0453	U	0.0447	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U	0.0453	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2,4-Dichlorophenol	120-83-2	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2,4-Dimethylphenol	105-67-9	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2,4-Dinitrophenol	51-28-5	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
2,4-Dinitrotoluene	111-84-2	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2-Chloronaphthalene	91-58-7	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2-Chlorophenol	95-57-8	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2-Methylnaphthalene	91-57-6	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2-Methylphenol	95-48-7	0.33	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
2-Nitroaniline	88-74-4	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
2-Nitrophenol	88-75-5	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
3-Nitroaniline	99-09-2	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.0453	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
4-Chloro-3-methylphenol	95-50-7	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
4-Chloroaniline	106-47-8	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
4-Nitroaniline	100-61-6	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
4-Nitrophenol	100-02-7	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
Acenaphthene	83-32-9	20	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Acenaphthylene	208-96-8	100	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Acetophenone	98-86-2	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Aniline	62-53-3	~	~	0.181	U	0.179	U	0.163	U	0.190	U	0.179	U	0.191	U	0.176	U	0.179	U
Anthracene	120-12-7	100	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Atrazine	1912-24-9	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzaldehyde	100-52-7	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzidine	92-81-5	~	~	0.181	U	0.179	U	0.163	U	0.190	U	0.179	U	0.191	U	0.176	U	0.179	U
Benzol(a)anthracene	56-55-3	1	1	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzol(a)pyrene	50-32-8	1	1	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzol(b)fluoranthene	205-99-2	1	1	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzol(g,h,i)perylene	191-24-2	100	100	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzol(k)fluoranthene	207-08-9	0.8	3.9	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzoic acid	65-85-0	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzyl alcohol	100-51-6	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Benzyl butyl phthalate	85-68-7	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Bis(2-chloroisopropyl)ether	108-80-1	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Casrolactam	105-60-2	~	~	0.0904	U	0.0893	U	0.0812	U	0.0947	U	0.0892	U	0.0952	U	0.0879	U	0.0892	U
Carbazole	86-74-8	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Chrysene	218-01-9	1	3.9	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Dibenzofuran	132-64-9	7	59	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Diethyl phthalate	84-66-2	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	U
Dimethyl phthalate	131-11-3	~	~	0.0453	U	0.0447	U	0.0407	U	0.0475	U	0.0447	U	0.0477	U	0.044	U	0.0447	

Table 4
Metals in Soil Samples
38-18 33rd Street and 32-20 38th Avenue, Queens New York

Sample ID Laboratory ID Sampling Date Sample Matrix	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1 (12'-14')		SB-2 (2'-4')		SB-2 (16'-18')		SB-3 (16'-18')		SB-4 (10'-12')		SB-5 (10'-12')		SB-6 (8'-10')		SB-7 (2'-4')		SB-8 (10'-12')	
				24G1298-06 7/18/2024		24G1298-07 7/18/2024		24G1298-05 7/18/2024		24G1298-08 7/18/2024		24G1298-04 7/18/2024		24G1298-02 7/18/2024		24G1298-01 7/18/2024		24G1298-09 7/18/2024		24G1298-03 7/18/2024	
				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	4,920		6,290		7,150		17,400		7,620		9,310		6,480		10,400		6,820	
Antimony	7440-36-0	~	~	2.26	U	2.24	U	2.08	U	2.410	U	2.29	U	2.42	U	2.2	U	2.25	U	2.27	U
Arsenic	7440-38-2	13	16	1.36	U	2.38		2.6		2.98		1.37	U	1.65		1.32	U	3.84		25.7	
Barium	7440-39-3	350	400	32.1		50.8		47.1		158		41.8		54.1		36.3		61.8		60.3	
Beryllium	7440-41-7	7.2	72	0.507	B	0.635	B	0.545	B	0.907	B	0.494	B	0.601	B	0.449	B	0.693	B	0.462	B
Cadmium	7440-43-9	2.5	4.3	0.272	U	0.269	U	0.25	U	0.29	U	0.274	U	0.291	U	0.264	U	0.531	U	0.272	U
Calcium	7440-70-2	~	~	1,160		1,830		17,600		17,400		1,990		2,470		2,470		2,600		2,570	
Chromium	7440-47-3	~	~	12		15		20.7		37.7		19.2		20.6		14.5		27.7		65.9	
Cobalt	7440-48-4	~	~	5.94		7.62		5.87		15.4		8.09		9.35		7.12		8.98		18.6	
Copper	7440-50-8	50	270	11.6		14.4		20.5		32.6		15.7		19.3		14.6		27.6		24	
Iron	7439-89-6	~	~	10,600		18,100		11,800		31,600		13,700		16,800		12,300		28,100		77,900	
Lead	7439-92-1	63	400	2.97		6.77		46.2		8.81		3.55		4.1		3.02		35.1		20.5	
Magnesium	7439-95-4	~	~	2,280		2,920		3,550		14,100		5,050		5,700		4,150		4,240		4,110	
Manganese	7439-96-5	1600	2000	266		334		258		491		323		352		263		420		235	
Mercury	7439-97-6	0.18	0.81	0.0326	U	0.0322	U	0.0482		0.0347	U	0.0329	U	0.0349	U	0.0317	U	0.0539		0.0723	
Nickel	7440-02-0	30	310	9.42		11.7		11.5		31.7		14.8		18.2		13.2		17.9		43	
Potassium	7440-09-7	~	~	608	B	1,670	B	1,210	B	5,440	B	1,490	B	1,880	B	996	B	1,540	B	1,230	B
Selenium	7782-49-2	3.9	180	2.26	U	2.24	U	2.08	U	2.410	U	2.29	U	2.42	U	2.2	U	2.25	U	2.27	U
Silver	7440-23-4	2	180	0.457	U	0.451	U	0.42	U	0.486	U	0.461	U	0.489	U	0.444	U	0.454	U	0.457	U
Sodium	7440-23-5	~	~	141		357		410		358		605		197		136		631		137	
Thallium	7440-28-0	~	~	2.26	U	2.24	U	2.08	U	2.410	U	2.29	U	2.42	U	2.2	U	2.25	U	2.27	U
Vanadium	7440-62-2	~	~	17		25.8		18.8		47.4		24.3		28.7		21.5		35.5		53.6	
Zinc	7440-66-6	109	10000	21.5		35.1		62.7		72		40.6		44.4		34.3		124		36.4	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

Table 5 - VOCs in Groundwater Samples
38-18 33rd Street and 32-20 38th Avenue, Queens, NY

Sample ID	NYSDEC TOGS Standards and Guidance Values - GA	GW-1 24G1297-01 7/18/2024 Groundwater	GW-2 24G1297-02 7/18/2024 Groundwater	MW-1 24H0588-01 8/8/2024 Groundwater	MW-2 24H0588-02 8/8/2024 Groundwater	MW-3 24H0588-03 8/8/2024 Groundwater					
Laboratory ID											
Sampling Date											
Sample Matrix											
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.216	U	0.216	U	0.2	U	0.2	U	0.2
1,1,1-Trichloroethane	71-55-6	5	0.266	U	0.266	U	0.2	U	0.2	U	0.2
1,1,2,2-Tetrachloroethane	79-34-5	5	0.256	U	0.256	U	0.2	U	0.2	U	0.2
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.286	U	0.286	U	0.2	U	0.2	U	0.2
1,1,2-Trichloroethane	79-00-5	1	0.249	U	0.249	U	0.2	U	0.2	U	0.2
1,1-Dichloroethane	75-34-3	5	0.272	U	0.272	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	75-35-4	5	0.327	U	0.327	U	0.2	U	0.2	U	0.2
1,2,3-Trichlorobenzene	87-61-6	5	0.222	U	0.222	U	0.2	U	0.2	U	0.2
1,2,3-Trichloropropane	96-18-4	0.04	0.273	U	0.273	U	0.2	U	0.2	U	0.2
1,2,4-Trichlorobenzene	120-82-1	5	0.138	U	0.138	U	0.2	U	0.2	U	0.2
1,2,4-Trimethylbenzene	95-63-6	5	0.31	U	0.31	U	0.2	U	0.2	U	0.2
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.432	U	0.432	U	0.2	U	0.2	U	0.2
1,2-Dibromoethane	106-93-4	0.0006	0.215	U	0.215	U	0.2	U	0.2	U	0.2
1,2-Dichlorobenzene	95-50-1	3	0.27	U	0.27	U	0.2	U	0.2	U	0.2
1,2-Dichloroethane	107-06-2	0.6	0.377	U	0.377	U	0.2	U	0.2	U	0.2
1,2-Dichloropropane	78-87-5	1	0.327	U	0.327	U	0.2	U	0.2	U	0.2
1,3,5-Trimethylbenzene	108-67-8	5	0.347	U	0.347	U	0.2	U	0.2	U	0.2
1,3-Dichlorobenzene	541-73-1	3	0.283	U	0.283	U	0.2	U	0.2	U	0.2
1,3-Dichloropropane	142-28-9	5	0.26	U	0.26	U	NT		NT		NT
1,4-Dichlorobenzene	106-46-7	3	0.311	U	0.311	U	0.2	U	0.2	U	0.2
1,4-Dioxane	123-91-1	0.35	35.3	U	35.3	U	40	U	40	U	40
2-Butanone	78-93-3	50	0.421	U	0.421	U	0.2	U	0.2	U	0.23
2-Hexanone	591-78-6	50	0.32	U	0.32	U	0.2	U	0.2	U	0.2
4-Methyl-2-pentanone	108-10-1	~	0.365	U	0.365	U	0.2	U	0.2	U	0.2
Acetone	67-64-1	50	1.34	U	1.34	U	1	U	1.4	J	1.5
Acrolein	107-02-8	~	0.447	U	0.447	U	0.2	U	0.2	U	0.2
Acrylonitrile	107-13-1	~	0.422	U	0.422	U	0.2	U	0.2	U	0.2
Benzene	71-43-2	1	0.279	U	0.279	U	0.2	U	0.2	U	0.2
Bromochloromethane	74-97-5	5	0.354	U	0.354	U	0.2	U	0.2	U	0.2
Bromodichloromethane	75-27-4	50	0.245	U	0.245	U	0.2	U	0.2	U	0.2
Bromoform	75-25-2	50	0.163	U	0.163	U	0.2	U	0.2	U	0.2
Bromomethane	74-83-9	5	0.119	U	0.119	U	0.2	U	0.2	U	0.2
Carbon disulfide	75-15-0	~	0.362	U	0.362	U	0.2	U	0.2	U	0.2
Carbon tetrachloride	56-23-5	5	0.204	U	0.204	U	0.2	U	0.2	U	0.2
Chlorobenzene	108-90-7	5	0.284	U	0.284	U	0.2	U	0.2	U	0.2
Chloroethane	75-00-3	5	0.448	U	0.448	U	0.2	U	0.2	U	0.2
Chloroform	67-66-3	7	2.65		0.243	U	2.4		6.9		0.53
Chloromethane	74-87-3	5	0.372	U	0.372	U	0.2	U	0.2	U	0.2
cis-1,2-Dichloroethylene	156-59-2	5	0.294	U	0.294	U	0.4	J	0.2	U	0.2
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.262	U	0.262	U	0.2	U	0.2	U	0.2
Cyclohexane	110-82-7	~	0.491	U	0.491	U	0.2	U	0.2	U	0.2
Dibromochloromethane	124-48-1	50	0.146	U	0.146	U	0.2	U	0.2	U	0.2
Dibromomethane	74-95-3	~	0.203	U	0.203	U	0.2	U	0.2	U	0.2
Dichlorodifluoromethane	75-71-8	5	0.451	U	0.451	U	0.65		0.2	U	0.2
Ethyl Benzene	100-41-4	5	0.29	U	0.29	U	0.2	U	0.2	U	0.2
Hexachlorobutadiene	87-68-3	0.5	0.241	U	0.241	U	0.2	U	0.2	U	0.2
Isopropylbenzene	98-82-8	5	0.405	U	0.405	U	0.2	U	0.2	U	0.2
Methyl acetate	79-20-9	~	0.442	U	0.442	U	0.2	U	0.2	U	0.2
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.244	U	0.244	U	0.2	U	0.2	U	0.2
Methylcyclohexane	108-87-2	~	0.477	U	0.477	U	0.2	U	0.2	U	0.2
Methylene chloride	75-09-2	5	0.397	U	0.397	U	1	U	1	U	1
Naphthalene	91-20-3	10	0.212	U	0.212	U	NT		NT		NT
n-Butylbenzene	104-51-8	5	0.399	U	0.399	U	0.2	U	0.2	U	0.2
n-Propylbenzene	103-65-1	5	0.384	U	0.384	U	0.2	U	0.2	U	0.2
o-Xylene	95-47-6	5	0.261	U	0.261	U	0.2	U	0.2	U	0.2
p- & m- Xylenes	179601-23-1	~	0.578	U	0.578	U	0.5	U	0.5	U	0.5
p-Diethylbenzene	105-05-5	~	0.341	U	0.341	U	NT		NT		NT
p-Ethyltoluene	622-96-8	~	0.2	U	0.2	U	NT		NT		NT
p-Isopropyltoluene	99-87-6	5	0.377	U	0.377	U	0.2	U	0.2	U	0.2
sec-Butylbenzene	135-98-8	5	0.444	U	0.444	U	0.2	U	0.2	U	0.2
Styrene	100-42-5	5	0.255	U	0.255	U	0.2	U	0.2	U	0.2
tert-Butyl alcohol (TBA)	75-65-0	~	0.608	U	0.608	U	0.5	U	0.5	U	0.5
tert-Butylbenzene	98-06-6	5	0.367	U	0.367	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	127-18-4	5	8.37		0.239	U	33		0.82		0.2
Toluene	108-88-3	5	0.346	U	0.346	U	0.2	U	0.2	U	0.2
trans-1,2-Dichloroethylene	156-60-5	5	0.279	U	0.279	U	10		0.2	U	0.2
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.229	U	0.229	U	0.2	U	0.2	U	0.2
trans-1,4-dichloro-2-butene	110-57-6	~	NT		NT		0.2	U	0.2	U	0.2
Trichloroethylene	79-01-6	5	7.8		0.249	U	12		1.5		1.3
Trichlorofluoromethane	75-69-4	5	0.47	J	0.337	U	1.3		1.5		4.7
Vinyl Chloride	75-01-4	2	0.469	U	0.469	U	0.2	U	0.2	U	0.2
Xylenes, Total	1330-20-7	5	0.839	U	0.839	U	0.6	U	0.6	U	0.6

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 6 - SVOCs in Groundwater Samples
38-18 33rd Street and 32-20 38th Avenue, Queens, NY

Sample ID Laboratory ID Sampling Date Sample Matrix	NYSDEC TOGS Standards and Guidance Values - GA	GW-1 24G1297-01 7/18/2024		GW-2 24G1297-02 7/18/2024		
		Ground Water	Ground Water	Ground Water	Ground Water	
Compound	CAS Number	ug/L	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive - LL		ug/L	ug/L		ug/L	
Dilution Factor			1		1	
1,1-Biphenyl	92-52-4	~	2.5	U	2.5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	2.5	U	2.5	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	1.25	U	1.25	U
2,4,5-Trichlorophenol	95-95-4	1	1.25	U	1.25	U
2,4,6-Trichlorophenol	88-06-2	1	1.25	U	1.25	U
2,4-Dichlorophenol	120-83-2	5	1.25	U	1.25	U
2,4-Dimethylphenol	105-67-9	50	1.25	U	1.25	U
2,4-Dinitrophenol	51-28-5	10	1.25	U	1.25	U
2,4-Dinitrotoluene	121-14-2	5	2.5	U	2.5	U
2,6-Dinitrotoluene	606-20-2	5	2.5	U	2.5	U
2-Chloronaphthalene	91-58-7	10	2.5	U	2.5	U
2-Chlorophenol	95-57-8	1	1.25	U	1.25	U
2-Methylnaphthalene	91-57-6	~	2.5	U	2.5	U
2-Methylphenol	95-48-7	1	1.25	U	1.25	U
2-Nitroaniline	88-74-4	5	2.5	U	2.5	U
2-Nitrophenol	88-75-5	1	1.25	U	1.25	U
3- & 4-Methylphenols	65794-96-9	1	1.25	U	1.25	U
3,3-Dichlorobenzidine	91-94-1	5	2.5	U	2.5	U
3-Nitroaniline	99-09-2	5	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	534-52-1	~	1.25	U	1.25	U
4-Bromophenyl phenyl ether	101-55-3	~	2.5	U	2.5	U
4-Chloro-3-methylphenol	59-50-7	1	1.25	U	1.25	U
4-Chloroaniline	106-47-8	5	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.5	U	2.5	U
4-Nitroaniline	100-01-6	5	2.5	U	2.5	U
4-Nitrophenol	100-02-7	1	1.25	U	1.25	U
Acenaphthene	83-32-9	20	0.05	U	0.05	U
Acenaphthylene	208-96-8	~	0.05	U	0.05	U
Acetophenone	98-86-2	~	2.5	U	2.5	U
Aniline	62-53-3	5	2.5	U	2.5	U
Anthracene	120-12-7	50	0.05	U	0.05	U
Atrazine	1912-24-9	~	0.5	U	0.5	U
Benzaldehyde	100-52-7	~	2.5	U	2.5	U
Benzidine	92-87-5	~	10	U	10	U
Benzo(a)anthracene	56-55-3	0.002	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	0.002	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	0.002	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	~	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.002	0.05	U	0.05	U
Benzoic acid	65-85-0	~	25	U	25	U
Benzyl alcohol	100-51-6	~	2.5	U	2.5	U
Benzyl butyl phthalate	85-68-7	50	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.5	U	2.5	U
Bis(2-chloroethyl)ether	111-44-4	1	1.25	U	1.25	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.5	U	2.5	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.5	U	0.5	U
Caprolactam	105-60-2	~	2.5	U	2.5	U
Carbazole	86-74-8	~	2.5	U	2.5	U
Chrysene	218-01-9	0.002	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	~	0.05	U	0.05	U
Dibenzofuran	132-64-9	~	2.5	U	2.5	U
Diethyl phthalate	84-66-2	50	2.5	U	2.5	U
Dimethyl phthalate	131-11-3	50	2.5	U	2.5	U
Di-n-butyl phthalate	84-74-2	50	2.5	U	2.5	U
Di-n-octyl phthalate	117-84-0	50	2.5	U	2.5	U
Fluoranthene	206-44-0	50	0.05	U	0.05	U
Fluorene	86-73-7	50	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.04	0.02	U	0.02	U
Hexachlorobutadiene	87-68-3	0.5	0.5	U	0.5	U
Hexachlorocyclopentadiene	77-47-4	5	2.5	U	2.5	U
Hexachloroethane	67-72-1	5	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05	U	0.05	U
Isophorone	78-59-1	50	2.5	U	2.5	U
Naphthalene	91-20-3	10	0.05	U	0.68	
Nitrobenzene	98-95-3	0.4	0.25	U	0.25	U
N-Nitrosodimethylamine	62-75-9	~	0.5	U	0.5	U
N-nitroso-di-n-propylamine	621-64-7	~	2.5	U	2.5	U
N-Nitrosodiphenylamine	86-30-6	50	2.5	U	2.5	U
Pentachlorophenol	87-86-5	1	0.25	U	0.25	U
Phenanthrene	85-01-8	50	0.05	U	0.05	U
Phenol	108-95-2	1	1.25	U	1.25	U
Pyrene	129-00-0	50	0.05	U	0.05	U
Pyridine	110-86-1	50	2.5	U	2.5	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

Table 7 - TAL Metals in Groundwater Samples
38-18 33rd Street and 32-20 38th Avenue, Queens, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	GW-1 24G1297-01 7/18/2024 Groundwater		GW-2 24G1297-02 7/18/2024 Groundwater	
Laboratory ID	CAS Number		Result	Q	Result	Q
Sampling Date			Result	Q	Result	Q
Compound	CAS Number		ug/L		ug/L	
Metals, Target Analyte, ICP			ug/L		ug/L	
Dilution Factor			1		1	
Aluminum	7429-90-5	~	9,290		19,800	
Barium	7440-39-3	1000	284		838	
Calcium	7440-70-2	~	127,000		147,000	
Chromium	7440-47-3	50	92.6		89.3	
Cobalt	7440-48-4	~	43.7		91.4	
Copper	7440-50-8	200	55.6		106	
Iron	7439-89-6	~	16,800		8,740	
Lead	7439-92-1	25	36		95.7	
Magnesium	7439-95-4	35000	46,300		24,500	
Manganese	7439-96-5	300	3,270		5,720	
Nickel	7440-02-0	100	41.9		64.9	
Potassium	7440-09-7	~	6,690		7,490	
Silver	7440-22-4	50	5.56	U	5.56	U
Sodium	7440-23-5	20000	159,000		789,000	
Vanadium	7440-62-2	~	21.9		27.7	
Zinc	7440-66-6	2000	65		202	
Metals, Target Analyte, ICP Dissolved			ug/L		ug/L	
Dilution Factor			1		1	
Aluminum	7429-90-5	~	55.6	U	NT	
Barium	7440-39-3	1000	45.3		NT	
Calcium	7440-70-2	~	79,300		NT	
Chromium	7440-47-3	50	5.56	U	NT	
Cobalt	7440-48-4	~	4.44	U	NT	
Copper	7440-50-8	200	22.2	U	NT	
Iron	7439-89-6	~	278	U	NT	
Lead	7439-92-1	25	5.56	U	NT	
Magnesium	7439-95-4	35000	31,300		NT	
Manganese	7439-96-5	300	195		NT	
Nickel	7440-02-0	100	11.1	U	NT	
Potassium	7440-09-7	~	5,780		NT	
Silver	7440-22-4	50	5.56	U	NT	
Sodium	7440-23-5	20000	79,200		NT	
Vanadium	7440-62-2	~	11.1	U	NT	
Zinc	7440-66-6	2000	27.8	U	NT	
Metals, Target Analyte, ICPMS			ug/L		ug/L	
Dilution Factor			1		1	
Antimony	7440-36-0	3	1.11	U	1.11	U
Arsenic	7440-38-2	25	1.44		1.84	
Beryllium	7440-41-7	3	0.573		1.04	
Cadmium	7440-43-9	5	0.68		2.22	
Selenium	7782-49-2	10	1.81		2.67	
Thallium	7440-28-0	~	1.11	U	1.11	U
Metals, Target Analyte, ICPMS Dissolved			ug/L		ug/L	
Dilution Factor			1		1	
Antimony	7440-36-0	3	1.11	U	NT	
Arsenic	7440-38-2	25	1.11	U	NT	
Beryllium	7440-41-7	3	0.333	U	NT	
Cadmium	7440-43-9	5	0.556	U	NT	
Selenium	7782-49-2	10	3.63		NT	
Thallium	7440-28-0	~	1.11	U	NT	
Mercury by 7470/7471			ug/L		ug/L	
Dilution Factor			1		1	
Mercury	7439-97-6	0.7	0.2		0.8	
Mercury, Dissolved			ug/L		ug/L	
Dilution Factor			1		1	
Mercury	7439-97-6	0.7	0.2	U	NT	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

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

Table 8
VOCs in Soil Vapor Samples
38-18 33 rd Street and 32-20 38th Avenue, Queens, NY

Sample ID Laboratory ID Sampling Date Sample Matrix	Compound	CAS Number	NYSDOH Air Guideline Values - AGVs	NYSDOH Decision Matrices Minimum Concentrations	SV-1 24G1377-01 7/19/24 Soil Vapor		SV-1D 24H0587-01 8/8/24 Soil Vapor		SV-2 24G1377-02 7/19/24 Soil Vapor		SV-3 24G1377-03 7/19/24 Soil Vapor		SV-4 24G1377-04 7/19/24 Soil Vapor	
					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List														
Dilution Factor														
1,1,1,2-Tetrachloroethane	630-20-6	~	~	11	U	12	U	1.2	U	1.3	U	11	U	
1,1,1-Trichloroethane	71-55-6	~	100	10	D	28	D	1	D	1.3	D	9	U	
1,1,2,2-Tetrachloroethane	79-34-5	~	~	11	U	12	U	1.6	D	1.3	U	11	U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	39	D	79	D	2	D	1.4	U	13	U	
1,1,2-Trichloroethane	79-00-5	~	~	8.7	U	9.6	U	0.95	U	1	U	9	U	
1,1-Dichloroethane	75-34-3	~	~	6.4	U	7.1	U	0.78	D	0.74	U	6.7	U	
1,1-Dichloroethylene	75-35-4	~	6	1.6	U	1.7	U	0.69	D	0.18	U	1.6	U	
1,2,4-Trichlorobenzene	120-82-1	~	~	12	U	13	U	2.7	D	1.4	U	12	U	
1,2,4-Trimethylbenzene	95-63-6	~	~	7.8	U	8.6	U	5	D	2.1	D	8.1	U	
1,2-Dibromoethane	106-93-4	~	60	12	U	13	U	1.3	U	1.4	U	13	U	
1,2-Dichlorobenzene	95-50-1	~	~	9.6	U	11	U	2.6	D	1.1	U	10	U	
1,2-Dichloroethane	107-06-2	~	~	6.4	U	7.1	U	0.78	D	0.74	U	6.7	U	
1,2-Dichloropropane	78-87-5	~	~	7.4	U	8.1	U	0.81	U	0.85	U	7.6	U	
1,2-Dichlorotetrafluoroethane	76-14-2	~	~	11	U	18	D	1.2	U	1.3	U	12	U	
1,3,5-Trimethylbenzene	108-67-8	~	60	7.8	U	18	U	3.3	D	0.9	U	8.1	U	
1,3-Butadiene	106-99-0	~	~	11	U	12	U	1.2	U	1.2	U	11	U	
1,3-Dichlorobenzene	541-73-1	~	~	9.6	U	11	U	2	D	1.1	U	10	U	
1,3-Dichloropropane	142-28-9	~	~	7.4	U	8.1	U	0.81	U	0.85	U	7.6	U	
1,4-Dichlorobenzene	106-46-7	~	~	9.6	U	11	U	2.1	D	1.1	U	10	U	
1,4-Dioxane	123-91-1	~	~	11	U	13	U	3.4	D	1.3	U	12	U	
2,2,4-Trimethylpentane	540-84-1	~	~	3.7	U	4.1	U	0.9	D	0.43	U	3.9	U	
2-Butanone	78-93-3	~	~	4.7	U	5.2	U	2.4	D	5.4	D	19	D	
2-Hexanone	591-78-6	~	~	13	U	14	U	3.1	D	1.5	U	14	U	
3-Chloropropene	107-05-1	~	~	25	U	27	U	2.7	U	2.9	U	26	U	
4-Methyl-2-pentanone	108-10-1	~	~	6.5	U	7.2	U	3.6	D	0.75	U	6.8	U	
Acetone	67-64-1	~	~	32	BD	18	BD	15	BD	15	BD	830	BD	
Acrylonitrile	107-13-1	~	~	3.5	U	3.8	U	0.61	D	0.4	U	3.6	U	
Benzene	71-43-2	~	60	5.1	U	5.6	U	1.2	D	0.7	D	5.3	U	
Benzyl chloride	100-44-7	~	~	8.2	U	9.1	U	1.7	D	0.95	U	8.6	U	
Bromodichloromethane	75-27-4	~	~	11	U	12	U	1.2	U	1.2	U	11	U	
Bromoform	75-25-2	~	~	16	U	18	U	1.8	U	1.9	U	17	U	
Bromomethane	74-83-9	~	~	6.2	U	6.8	U	1	D	0.71	U	6.4	U	
Carbon disulfide	75-15-0	~	~	11	U	6.6	D	1.5	D	1.3	D	5.2	U	
Carbon tetrachloride	56-23-5	5	6	3	D	11	D	1.3	D	0.29	U	2.6	U	
Chlorobenzene	108-90-7	~	~	7.3	U	8.1	U	0.88	D	0.84	U	7.6	U	
Chloroethane	75-00-3	~	~	4.2	U	4.6	U	0.55	D	0.48	U	4.4	U	
Chloroform	67-66-3	~	~	130	D	280	D	1.5	D	11	D	8.1	U	
Chloromethane	74-87-3	~	~	3.3	U	3.6	U	0.36	U	0.38	U	3.4	U	
cis-1,2-Dichloroethylene	156-59-2	~	6	160	D	190	D	0.69	D	0.18	U	1.6	U	
cis-1,3-Dichloropropylene	10061-01-5	~	~	7.2	U	8	U	0.79	U	0.83	U	7.5	U	
Cyclohexane	110-82-7	~	60	5.5	U	6	U	0.66	D	0.63	U	5.7	U	
Dibromochloromethane	124-48-1	~	~	14	U	15	U	1.5	U	1.6	U	14	U	
Dichlorodifluoromethane	75-71-8	~	~	190	D	330	D	2.7	D	2.8	D	8.2	U	
Ethyl acetate	141-78-6	~	~	11	U	13	U	1.3	U	1.3	U	12	U	
Ethyl Benzene	100-41-4	~	60	6.9	U	7.6	U	1.8	D	0.8	U	7.2	U	
Hexachlorobutadiene	87-68-3	~	~	17	U	19	U	5.6	D	2	U	18	U	
Isopropanol	67-63-0	~	~	11	D	12	BD	4.5	BD	3.1	BD	31	D	
Methyl Methacrylate	80-62-6	~	~	6.5	U	7.2	U	1.1	D	0.75	U	6.8	U	
Methyl tert-butyl ether (MTBE)	1634-04-4	~	~	5.7	U	6.3	U	0.69	D	0.66	U	6	U	
Methylene chloride	75-09-2	60	100	11	U	12	U	1.3	D	1.3	U	11	U	
Naphthalene	91-20-3	~	60	17	U	18	U	3.6	D	1.9	U	17	U	
n-Heptane	142-82-5	~	200	6.5	U	7.2	U	0.79	D	0.75	U	6.8	U	
n-Hexane	110-54-3	~	200	5.6	U	6.2	U	0.8	D	0.65	U	5.8	U	
o-Xylene	95-47-6	~	60	6.9	U	7.6	U	2.8	D	1	D	7.2	U	
p- & m- Xylenes	179601-23-1	~	200	14	U	15	U	6.1	D	2.2	D	14	U	
p-Ethyltoluene	622-96-8	~	~	7.8	U	8.6	U	4.2	D	2	D	8.1	U	
Propylene	115-07-1	~	~	2.7	U	3	D	0.3	U	7.9	D	2.8	U	
Styrene	100-42-5	~	~	6.8	U	7.5	U	1.5	D	0.78	U	7	U	
Tetrachloroethylene	127-18-4	30	100	33,000	D	22,000	D	3.4	D	66	D	19	D	
Tetrahydrofuran	109-99-9	~	~	9.4	U	10	U	1.2	D	1.4	D	9.8	U	
Toluene	108-88-3	~	300	6	U	6.6	U	2	D	1.2	D	6.2	U	
trans-1,2-Dichloroethylene	156-60-5	~	~	24	D	40	D	0.69	D	0.73	U	6.6	U	
trans-1,3-Dichloropropylene	10061-02-6	~	~	7.2	U	8	U	0.79	U	0.83	U	7.5	U	
Trichloroethylene	79-01-6	2	6	90,000	D	62,000	D	2.8	D	0.59	D	12	D	
Trichlorofluoromethane (Freon 11)	75-69-4	~	~	4,300	D	9,800	D	7.1	D	28	D	21	D	
Vinyl acetate	108-05-4	~	~	5.6	U	6.2	U	0.61	U	0.65	U	5.8	U	
Vinyl bromide	593-60-2	~	~	7	U	7.7	U	0.84	D	0.8	U	7.2	U	
Vinyl Chloride	75-01-4	~	6	2	U	2.2	U	0.4	D	0.23	U	2.1	U	

NOTES:

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Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

Table 8
VOCs in Soil Vapor Samples
38-18 33 rd Street and 32-20 38th Avenue, Queens, NY

Sample ID Laboratory ID Sampling Date Sample Matrix	Compound	CAS Number	NYSDOH Air Guideline Values - AGVs	NYSDOH Decision Matrices Minimum Concentrations	SV-5 24G1377-05 7/19/24 Soil Vapor		SV-5D 24H0587-08 8/8/24 Soil Vapor		SV-10S 24H0587-02 8/8/24 Soil Vapor		SV-10D 24H0587-03 8/8/24 Soil Vapor		SV-6 24H0587-04 8/8/24 Soil Vapor	
					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
					ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
	Dilution Factor				18.01		16.18		99.852		97.496		16.54	
	Volatil Organics, EPA TO15 Full List		ug/m3	ug/m3										
	1,1,1,2-Tetrachloroethane	630-20-6	~	~	12	U	11	U	13	U	13	U	11	U
	1,1,1-Trichloroethane	71-55-6	~	100	9.8	U	8.8	U	27	D	22	D	12	D
	1,1,2,2-Tetrachloroethane	79-34-5	~	~	12	U	11	U	13	U	13	U	11	U
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	41	D	69	D	120	D	120	D	13	D
	1,1,2-Trichloroethane	79-00-5	~	~	9.8	U	8.8	U	10	U	9.9	U	9	U
	1,1-Dichloroethane	75-34-3	~	~	7.3	U	6.5	U	7.5	U	7.4	U	6.7	U
	1,1-Dichloroethylene	75-35-4	~	6	1.8	U	1.6	U	1.8	U	1.8	U	1.6	U
	1,2,4-Trichlorobenzene	120-82-1	~	~	13	U	12	U	14	U	14	U	12	U
	1,2,4-Trimethylbenzene	95-63-6	~	60	8.9	U	8	U	9.2	U	9	U	8.1	U
	1,2-Dibromoethane	106-93-4	~	~	14	U	12	U	14	U	14	U	13	U
	1,2-Dichlorobenzene	95-50-1	~	~	11	U	9.7	U	11	U	11	U	9.9	U
	1,2-Dichloroethane	107-06-2	~	~	7.3	U	6.5	U	7.5	U	7.4	U	6.7	U
	1,2-Dichloropropane	78-87-5	~	~	8.3	U	7.5	U	8.6	U	8.4	U	7.6	U
	1,2-Dichlorotetrafluoroethane	76-14-2	~	~	13	U	11	U	25	D	22	D	12	U
	1,3,5-Trimethylbenzene	108-67-8	~	60	8.9	U	8	U	9.2	U	9	U	8.1	U
	1,3-Butadiene	106-99-0	~	~	12	U	84	D	12	U	12	U	11	U
	1,3-Dichlorobenzene	541-73-1	~	~	11	U	9.7	U	11	U	11	U	9.9	U
	1,3-Dichloropropane	142-28-9	~	~	8.3	U	7.5	U	8.6	U	8.4	U	7.6	U
	1,4-Dichlorobenzene	106-46-7	~	~	11	U	9.7	U	11	U	11	U	9.9	U
	1,4-Dioxane	123-91-1	~	~	13	U	12	U	13	U	13	U	12	U
	2,2,4-Trimethylpentane	540-84-1	~	~	4.2	U	3.8	D	4.4	U	4.3	U	3.9	U
	2-Butanone	78-93-3	~	~	13	D	28	D	5.5	U	5.4	U	27	BD
	2-Hexanone	591-78-6	~	~	15	U	17	D	15	U	15	U	14	U
	3-Chloropropene	107-05-1	~	~	28	U	31	D	29	U	28	U	26	U
	4-Methyl-2-pentanone	108-10-1	~	~	7.4	D	8.6	D	7.6	U	7.5	U	8.1	D
	Acetone	67-64-1	~	~	63	BD	100	D	82	BD	16	BD	110	BD
	Acrylonitrile	107-13-1	~	~	5.9	D	3.5	U	5.3	D	4	U	3.6	U
	Benzene	71-43-2	~	60	8.1	D	46	D	6	U	7.6	D	5.3	D
	Benzyl chloride	100-44-7	~	~	9.3	U	8.4	U	9.7	U	9.4	U	8.6	U
	Bromodichloromethane	75-27-4	~	~	12	U	11	U	12	U	12	U	11	U
	Bromoform	75-25-2	~	~	19	U	17	U	19	U	19	U	17	U
	Bromomethane	74-83-9	~	~	7	U	6.3	U	7.2	U	7.1	U	6.4	U
	Carbon disulfide	75-15-0	~	~	44	D	68	D	5.8	U	11	D	16	D
	Carbon tetrachloride	56-23-5	5	6	3.4	D	12	D	15	D	11	D	7.3	D
	Chlorobenzene	108-90-7	~	~	8.3	U	7.4	U	8.6	U	8.4	U	7.6	U
	Chloroethane	75-00-3	~	~	4.8	U	4.3	U	4.9	U	4.8	U	4.4	U
	Chloroform	67-66-3	~	~	8.8	U	12	D	150	D	130	D	69	D
	Chloromethane	74-87-3	~	~	3.7	U	3.7	D	3.9	U	3.8	U	3.4	U
	cis-1,2-Dichloroethylene	156-59-2	~	6	1.8	U	1.6	U	12	D	8.7	D	1.6	U
	cis-1,3-Dichloropropylene	10061-01-5	~	~	8.2	U	7.3	U	8.5	U	8.3	U	7.5	U
	Cyclohexane	110-82-7	~	60	6.2	U	7.2	D	6.4	U	6.3	U	5.7	U
	Dibromochloromethane	124-48-1	~	~	15	U	14	U	16	U	16	U	14	U
	Dichlorodifluoromethane	75-71-8	~	~	8.9	U	8.8	D	420	D	370	D	50	D
	Ethyl acetate	141-78-6	~	~	13	U	12	U	13	U	13	U	12	U
	Ethyl Benzene	100-41-4	~	60	7.8	U	9.8	D	8.1	U	7.9	U	7.2	U
	Hexachlorobutadiene	87-68-3	~	~	19	U	17	U	20	U	19	U	18	U
	Isopropanol	67-63-0	~	~	8.9	U	8	D	13	BD	11	BD	13	BD
	Methyl Methacrylate	80-62-6	~	~	7.4	U	6.6	U	7.6	U	7.5	U	6.8	U
	Methyl tert-butyl ether (MTBE)	1634-04-4	~	~	6.5	U	5.8	U	6.7	U	6.6	U	6	U
	Methylene chloride	75-09-2	60	100	13	U	11	U	13	U	13	U	11	U
	Naphthalene	91-20-3	~	60	19	U	17	U	20	U	19	U	17	U
	n-Heptane	142-82-5	~	200	7.4	U	46	D	7.6	U	7.5	U	6.8	U
	n-Hexane	110-54-3	~	200	6.3	U	46	D	6.6	U	6.4	U	5.8	U
	o-Xylene	95-47-6	~	60	7.8	U	9.8	D	8.1	U	7.9	U	7.2	U
	p- & m- Xylenes	179601-23-1	~	200	16	U	30	D	16	U	16	U	14	U
	p-Ethyltoluene	622-96-8	~	~	8.9	U	8	U	9.2	U	9	U	8.1	U
	Propylene	115-07-1	~	~	62	D	830	D	6.4	D	13	D	8	D
	Styrene	100-42-5	~	~	7.7	U	6.9	U	7.9	U	7.8	U	7	U
	Tetrachloroethylene	127-18-4	30	100	66	D	50	D	13,000	D	12,000	D	5,300	D
	Tetrahydrofuran	109-99-9	~	~	11	U	9.5	U	11	U	11	U	9.8	U
	Toluene	108-88-3	~	300	20	D	77	D	7	U	6.9	U	6.2	U
	trans-1,2-Dichloroethylene	156-60-5	~	~	7.1	U	6.4	U	7.4	D	7.2	U	6.6	U
	trans-1,3-Dichloropropylene	10061-02-6	~	~	8.2	U	7.3	U	8.5	U	8.3	U	7.5	U
	Trichloroethylene	79-01-6	2	6	1,700	D	2,200	BD	18,000	BD	18,000	BD	2,100	D
	Trichlorofluoromethane (Freon 11)	75-69-4	~	~	2,700	D	4,300	D	14,000	D	14,000	D	1,900	D
	Vinyl acetate	108-05-4	~	~	6.3	U	5.7	U	6.6	U	6.4	U	5.8	U
	Vinyl bromide	593-60-2	~	~	7.9	U	7.1	U	8.2	U	18	D	7.2	U
	Vinyl Chloride	75-01-4	~	6	2.3	U	4.5	D	2.4	U	2.3	U	2.1	U

NOTES:

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Table 8
VOCs in Soil Vapor Samples
38-18 33 rd Street and 32-20 38th Avenue, Queens, NY

Sample ID Laboratory ID Sampling Date Sample Matrix	Compound	CAS Number	NYSDOH Air Guideline Values - AGVs	NYSDOH Decision Matrices Minimum Concentrations	SV-7 24H0587-05 8/8/24 Soil Vapor		SV-8 24H0587-06 8/8/24 Soil Vapor		SV-9 24H0587-07 8/8/24 Soil Vapor	
					Result	Q	Result	Q	Result	Q
	Volatile Organics, EPA TO15 Full List		ug/m3	ug/m3	ug/m3		ug/m3		ug/m3	
	Dilution Factor				82.612		762.382		32.54	
	1,1,1,2-Tetrachloroethane	630-20-6	~	~	11	U	14	U	11	U
	1,1,1-Trichloroethane	71-55-6	~	100	18	D	13	D	15	D
	1,1,2,2-Tetrachloroethane	79-34-5	~	~	11	U	14	U	11	U
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	12	U	43	D	51	D
	1,1,2-Trichloroethane	79-00-5	~	~	8.4	U	11	U	8.9	U
	1,1-Dichloroethane	75-34-3	~	~	6.2	U	8	U	6.6	U
	1,1-Dichloroethylene	75-35-4	~	6	1.5	U	2	U	1.6	U
	1,2,4-Trichlorobenzene	120-82-1	~	~	11	U	15	U	12	U
	1,2,4-Trimethylbenzene	95-63-6	~	60	7.6	U	9.8	U	8.8	D
	1,2-Dibromoethane	106-93-4	~	~	12	U	15	U	13	U
	1,2-Dichlorobenzene	95-50-1	~	~	9.3	U	12	U	9.8	U
	1,2-Dichloroethane	107-06-2	~	~	6.2	U	8	U	6.6	U
	1,2-Dichloropropane	78-87-5	~	~	7.1	U	9.2	U	7.5	U
	1,2-Dichlorotetrafluoroethane	76-14-2	~	~	11	U	14	U	13	D
	1,3,5-Trimethylbenzene	108-67-8	~	60	7.6	U	9.8	U	8.8	D
	1,3-Butadiene	106-99-0	~	~	10	U	13	U	11	U
	1,3-Dichlorobenzene	541-73-1	~	~	9.3	U	12	U	9.8	U
	1,3-Dichloropropane	142-28-9	~	~	7.1	U	9.2	U	7.5	U
	1,4-Dichlorobenzene	106-46-7	~	~	9.3	U	12	U	9.8	U
	1,4-Dioxane	123-91-1	~	~	11	U	14	U	12	U
	2,2,4-Trimethylpentane	540-84-1	~	~	3.6	U	4.6	U	3.8	U
	2-Butanone	78-93-3	~	~	4.6	U	5.9	U	12	D
	2-Hexanone	591-78-6	~	~	13	U	16	U	13	U
	3-Chloropropene	107-05-1	~	~	24	U	31	U	25	U
	4-Methyl-2-pentanone	108-10-1	~	~	6.3	U	8.1	U	6.7	U
	Acetone	67-64-1	~	~	22	BD	440	BD	51	D
	Acrylonitrile	107-13-1	~	~	3.3	U	6.9	D	3.5	U
	Benzene	71-43-2	~	60	4.9	U	8.3	D	6.2	D
	Benzyl chloride	100-44-7	~	~	8	U	10	U	8.4	U
	Bromodichloromethane	75-27-4	~	~	10	U	13	U	11	U
	Bromoforn	75-25-2	~	~	16	U	21	U	17	U
	Bromomethane	74-83-9	~	~	6	U	7.7	U	6.3	U
	Carbon disulfide	75-15-0	~	~	5.3	D	7.4	D	12	D
	Carbon tetrachloride	56-23-5	5	6	2.4	U	3.8	D	5.1	D
	Chlorobenzene	108-90-7	~	~	7.1	U	9.1	U	7.5	U
	Chloroethane	75-00-3	~	~	4.1	U	5.2	U	4.3	U
	Chloroform	67-66-3	~	~	32	D	180	D	32	D
	Chloromethane	74-87-3	~	~	3.2	U	4.1	U	3.4	U
	cis-1,2-Dichloroethylene	156-59-2	~	6	8.6	D	230	D	1.6	U
	cis-1,3-Dichloropropylene	10061-01-5	~	~	7	U	9	U	7.4	U
	Cyclohexane	110-82-7	~	60	5.3	U	6.8	U	5.6	U
	Dibromochloromethane	124-48-1	~	~	13	U	17	U	14	U
	Dichlorodifluoromethane	75-71-8	~	~	26	D	160	D	210	D
	Ethyl acetate	141-78-6	~	~	11	U	14	U	12	U
	Ethyl Benzene	100-41-4	~	60	6.7	U	8.6	U	7.1	U
	Hexachlorobutadiene	87-68-3	~	~	16	U	21	U	17	U
	Isopropanol	67-63-0	~	~	9.5	BD	23	BD	8	U
	Methyl Methacrylate	80-62-6	~	~	6.3	U	8.1	U	6.7	U
	Methyl tert-butyl ether (MTBE)	1634-04-4	~	~	5.6	U	7.2	U	5.9	U
	Methylene chloride	75-09-2	60	100	11	U	14	U	11	U
	Naphthalene	91-20-3	~	~	16	U	21	U	17	U
	n-Heptane	142-82-5	~	200	6.3	U	8.1	U	6.7	U
	n-Hexane	110-54-3	~	200	5.4	U	7	U	5.7	U
	o-Xylene	95-47-6	~	60	6.7	U	8.6	U	7.1	U
	p- & m- Xylenes	179601-23-1	~	200	13	U	17	U	14	U
	p-Ethyltoluene	622-96-8	~	~	7.6	U	9.8	U	8	D
	Propylene	115-07-1	~	~	2.7	D	3.4	U	8.4	D
	Styrene	100-42-5	~	~	6.6	U	8.5	U	6.9	U
	Tetrachloroethylene	127-18-4	30	100	15,000	D	44,000	D	170	D
	Tetrahydrofuran	109-99-9	~	~	9.1	U	12	U	9.6	U
	Toluene	108-88-3	~	300	5.8	U	7.5	U	6.1	U
	trans-1,2-Dichloroethylene	156-60-5	~	~	8	D	47	D	6.5	U
	trans-1,3-Dichloropropylene	10061-02-6	~	~	7	U	9	U	7.4	U
	Trichloroethylene	79-01-6	2	6	5,200	BD	130,000	D	1,800	BD
	Trichlorofluoromethane (Freon 11)	75-69-4	~	~	780	D	2,000	D	8,000	D
	Vinyl acetate	108-05-4	~	~	5.4	U	7	U	5.7	U
	Vinyl bromide	593-60-2	~	~	6.7	U	8.7	U	7.1	U
	Vinyl Chloride	75-01-4	~	6	2	U	2.5	U	2.1	U

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Sample ID Laboratory ID Sampling Date Sample Matrix	Compound	CAS Number	NYSDOH Air Guideline Values - AGVs	NYSDOH Decision Matrices Minimum Concentrations	SV-11S 24H0587-09 8/8/24 Soil Vapor		SV-11D 24H0587-10 8/8/24 Soil Vapor		SV-12S 24H0587-11 8/8/24 Soil Vapor		SV-12D 24H0587-12 8/8/24 Soil Vapor	
					Result	Q	Result	Q	Result	Q	Result	Q
					ug/m3		ug/m3		ug/m3		ug/m3	
Volatile Organics, EPA TO15 Full List												
Dilution Factor												
	1,1,1,2-Tetrachloroethane	630-20-6	~	~	16.05		16.03		16.46		17.63	
	1,1,1-Trichloroethane	71-55-6	~	100	8.8	U	8.7	U	9	U	9.6	U
	1,1,2-Tetrachloroethane	79-34-5	~	~	11	U	11	U	11	U	12	U
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	62	D	43	D	37	D	43	D
	1,1,2-Trichloroethane	79-00-5	~	~	8.8	U	8.7	U	9	U	9.6	U
	1,1-Dichloroethane	75-34-3	~	~	6.5	U	6.5	U	6.7	U	7.1	U
	1,1-Dichloroethylene	75-35-4	~	6	1.6	U	1.6	U	1.6	U	1.7	U
	1,2,4-Trichlorobenzene	120-82-1	~	~	12	U	12	U	12	U	13	U
	1,2,4-Trimethylbenzene	95-63-6	~	60	7.9	U	7.9	U	8.1	U	8.7	U
	1,2-Dibromoethane	106-93-4	~	~	12	U	12	U	13	U	14	U
	1,2-Dichlorobenzene	95-50-1	~	~	9.6	U	9.6	U	9.9	U	11	U
	1,2-Dichloroethane	107-06-2	~	~	6.5	U	6.5	U	6.7	U	7.1	U
	1,2-Dichloropropane	78-87-5	~	~	7.4	U	7.4	U	7.6	U	8.1	U
	1,2-Dichlorotetrafluoroethane	76-14-2	~	~	11	U	11	U	12	U	12	U
	1,3,5-Trimethylbenzene	108-67-8	~	60	7.9	U	7.9	U	8.1	U	8.7	U
	1,3-Butadiene	106-99-0	~	~	11	U	19	D	11	U	26	D
	1,3-Dichlorobenzene	541-73-1	~	~	9.6	U	9.6	U	9.9	U	11	U
	1,3-Dichloropropane	142-28-9	~	~	7.4	U	7.4	U	7.6	U	8.1	U
	1,4-Dichlorobenzene	106-46-7	~	~	9.6	U	9.6	U	9.9	U	11	U
	1,4-Dioxane	123-91-1	~	~	12	U	12	U	12	U	13	U
	2,2,4-Trimethylpentane	540-84-1	~	~	3.7	U	3.7	U	3.8	U	4.1	U
	2-Butanone	78-93-3	~	~	17	D	98	D	11	D	14	D
	2-Hexanone	591-78-6	~	~	13	U	33	D	13	U	14	U
	3-Chloropropene	107-05-1	~	~	25	U	25	U	26	U	28	U
	4-Methyl-2-pentanone	108-10-1	~	~	6.6	U	18	D	6.7	U	7.2	U
	Acetone	67-64-1	~	~	67	D	570	D	43	D	330	D
	Acrylonitrile	107-13-1	~	~	21	D	3.5	U	3.6	U	3.8	U
	Benzene	71-43-2	~	60	5.1	U	8.2	D	11	D	16	D
	Benzyl chloride	100-44-7	~	~	8.3	U	8.3	U	8.5	U	9.1	U
	Bromodichloromethane	75-27-4	~	~	11	U	11	U	11	U	12	U
	Bromofom	75-25-2	~	~	17	U	17	U	17	U	18	U
	Bromomethane	74-83-9	~	~	6.2	U	6.2	U	6.4	U	6.8	U
	Carbon disulfide	75-15-0	~	~	5	D	15	D	40	D	38	D
	Carbon tetrachloride	56-23-5	5	6	7.1	D	10	D	25	D	28	D
	Chlorobenzene	108-90-7	~	~	7.4	U	7.4	U	7.6	U	8.1	U
	Chloroethane	75-00-3	~	~	4.2	U	4.2	U	4.3	U	4.7	U
	Chloroform	67-66-3	~	~	9.4	D	8.6	D	17	D	18	D
	Chloromethane	74-87-3	~	~	3.3	U	3.3	U	3.4	U	3.6	U
	cis-1,2-Dichloroethylene	156-59-2	~	6	1.6	U	1.6	U	1.6	U	1.7	U
	cis-1,3-Dichloropropylene	10061-01-5	~	~	7.3	U	7.3	U	7.5	U	8	U
	Cyclohexane	110-82-7	~	60	5.5	U	5.5	U	5.7	U	7.9	D
	Dibromochloromethane	124-48-1	~	~	14	U	14	U	14	U	15	U
	Dichlorodifluoromethane	75-71-8	~	~	11	D	12	D	8.1	D	8.7	U
	Ethyl acetate	141-78-6	~	~	12	U	12	U	12	U	13	U
	Ethyl Benzene	100-41-4	~	60	7	U	7	U	7.1	U	7.7	U
	Hexachlorobutadiene	87-68-3	~	~	17	U	17	U	18	U	19	U
	Isopropanol	67-63-0	~	~	7.9	U	19	D	8.1	D	14	D
	Methyl Methacrylate	80-62-6	~	~	6.6	U	6.6	U	6.7	U	7.2	U
	Methyl tert-butyl ether (MTBE)	1634-04-4	~	~	5.8	U	5.8	U	5.9	U	6.4	U
	Methylene chloride	75-09-2	60	100	11	U	11	U	11	U	12	U
	Naphthalene	91-20-3	~	60	17	U	17	U	17	U	18	U
	n-Heptane	142-82-5	~	200	6.6	U	15	D	6.7	U	12	D
	n-Hexane	110-54-3	~	200	5.7	U	18	D	5.8	U	26	D
	o-Xylene	95-47-6	~	60	7	U	7	U	7.1	U	7.7	U
	p- & m- Xylenes	179601-23-1	~	200	14	U	14	U	14	U	15	U
	p-Ethyltoluene	622-96-8	~	~	7.9	U	7.9	U	8.1	U	8.7	U
	Propylene	115-07-1	~	~	46	D	180	D	26	D	290	D
	Styrene	100-42-5	~	~	6.8	U	6.8	U	7	U	7.5	U
	Tetrachloroethylene	127-18-4	30	100	74	D	34	D	29	D	19	D
	Tetrahydrofuran	109-99-9	~	~	9.5	U	9.5	U	9.7	U	10	U
	Toluene	108-88-3	~	300	6	D	22	D	29	D	35	D
	trans-1,2-Dichloroethylene	156-60-5	~	~	6.4	U	6.4	U	6.5	U	7	U
	trans-1,3-Dichloropropylene	10061-02-6	~	~	7.3	U	7.3	U	7.5	U	8	U
	Trichloroethylene	79-01-6	2	6	1,300	BD	800	BD	450	BD	360	BD
	Trichlorofluoromethane (Freon 11)	75-69-4	~	~	4,400	D	3,900	D	1,800	D	2,200	D
	Vinyl acetate	108-05-4	~	~	5.7	U	5.6	U	5.8	U	6.2	U
	Vinyl bromide	593-60-2	~	~	7	U	7	U	7.2	U	7.7	U
	Vinyl Chloride	75-01-4	~	6	2.1	U	2	U	2.1	U	2.3	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

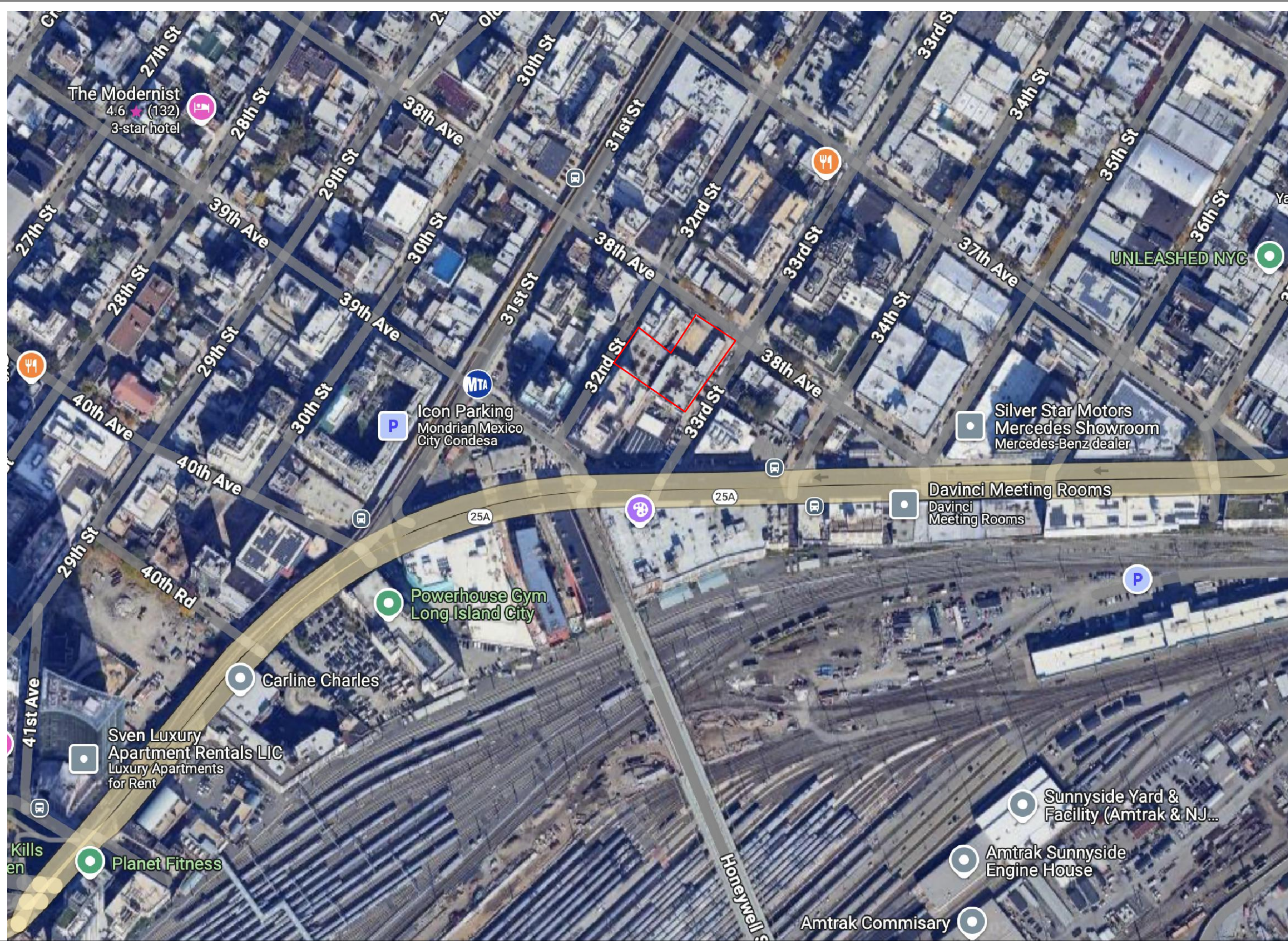
D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

FIGURES



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Legend:

 Site Boundary

Notes:

- 1. Base Map provided by Google Earth

Scale:

NOT TO SCALE

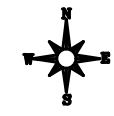


Figure No. 1

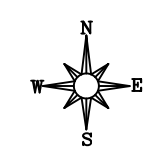
Figure Name: Site Location Map

Report: Phase II ESA

Date: 7/24/2024

Drawn By: KB



Site Address: 32-20 38th Avenue and
 38-18 33rd Street
 Queens, New York



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Legend:

-  Property Boundary
-  Building Boundary
-  Prior Soil Boring Location and Designated ID (July 2024)
SB-X
-  Prior Soil Boring/Groundwater Sample Location and Designated ID (July 2024)
SB-X/GW-X
-  Prior Soil Vapor Point Location and Designated ID (July 2024)
SV-X
-  Monitoring Well Location and Designated ID
MW-X
-  Soil Vapor Point Location and Designated ID (August 2024)
SV-X

Notes:

1. All feature locations are approximate

Scale:



Figure No. 2

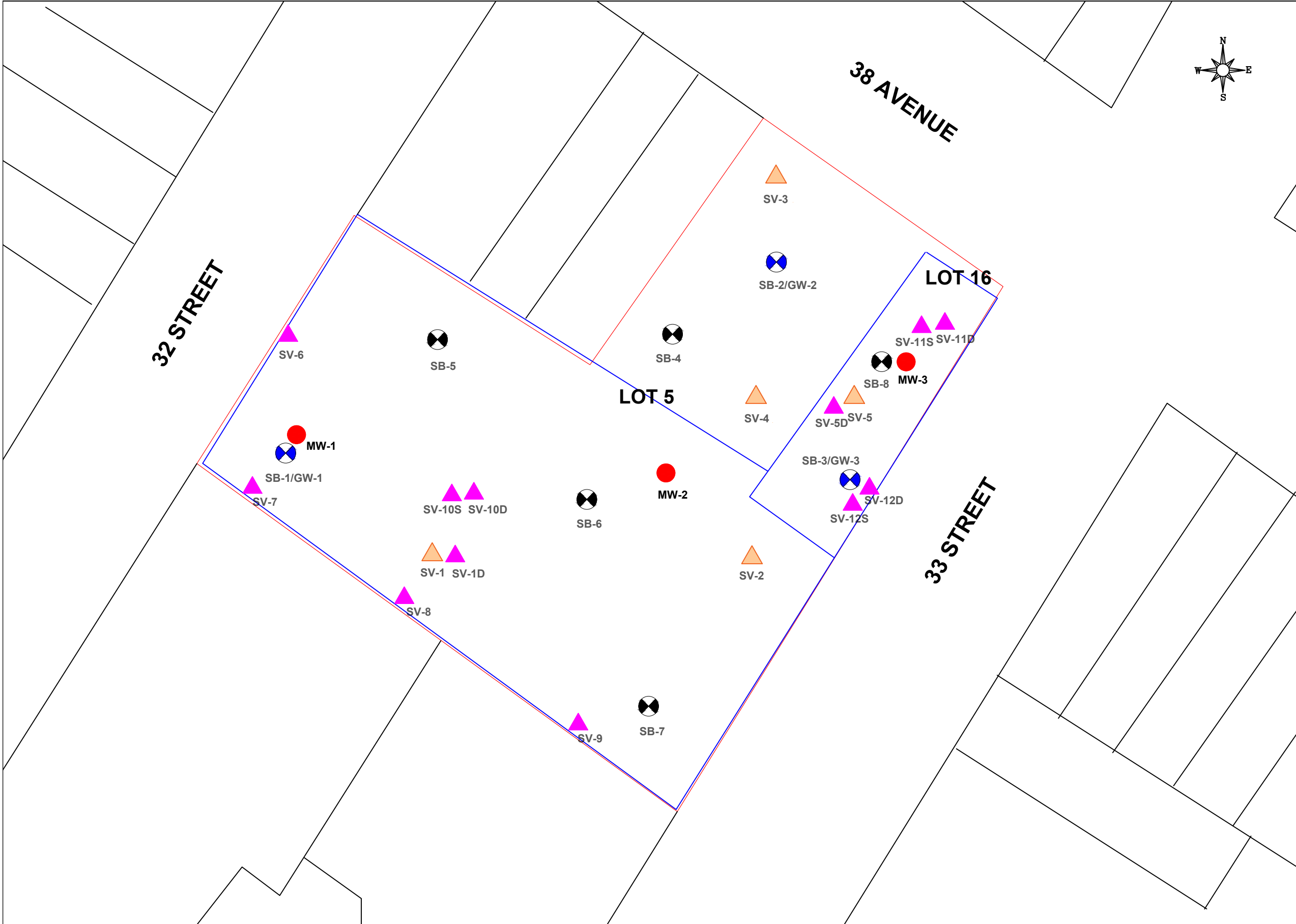
Figure Name: Sampling Plan

Report: Phase II ESA

Date: 8/06/24

Drawn By: EK

Site Address: 32-20 38TH AVENUE &
38-18 33RD STREET
QUEENS, NEW YORK



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Legend:

- Property Boundary
- Building Boundary
- ⊗ Soil Boring Location and Designated ID (July 2024)
SB-X
- ⊗ Soil Boring/Groundwater Sample Location and Designated ID (July 2024)
SB-X/GW-X
- Soil Vapor Point Location and Designated ID (July 2024)
SV-X
- Monitoring Well Location and Designated ID
MW-X
- Soil Vapor Point Location and Designated ID (August 2024)
SV-X

Scale:



Figure No. 3

Figure Name: Soil Exceedances Map

Report: Phase II ESA

Date: 9/5/2024

Drawn By: KB

Site Address: 32-20 38th Avenue &
38-18 33rd Street
Queens, New York

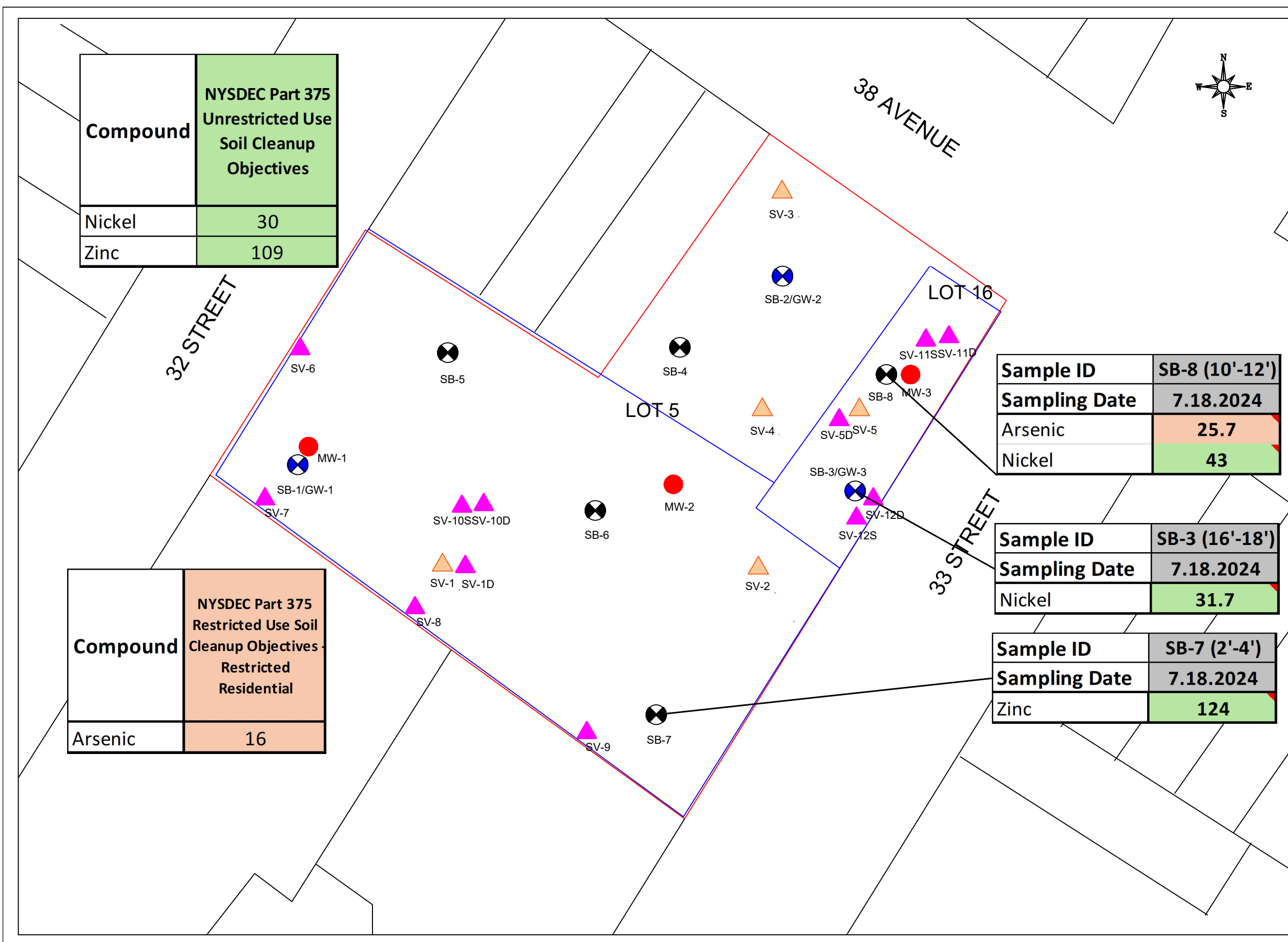
Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Nickel	30
Zinc	109

Compound	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Arsenic	16








Sample ID	SB-8 (10'-12')
Sampling Date	7.18.2024
Arsenic	25.7
Nickel	43

Sample ID	SB-3 (16'-18')
Sampling Date	7.18.2024
Nickel	31.7

Sample ID	SB-7 (2'-4')
Sampling Date	7.18.2024
Zinc	124



Legend:

-  Property Boundary
-  Building Boundary
-  Soil Boring Location and Designated ID (July 2024)
SB-X
-  Soil Boring/Groundwater Sample Location and Designated ID (July 2024)
SB-X/GW-X
-  Soil Vapor Point Location and Designated ID (July 2024)
SV-X
-  Monitoring Well Location and Designated ID
MW-X
-  Soil Vapor Point Location and Designated ID (August 2024)
SV-X

Scale:



Figure No. 4

Figure Name: Groundwater Exceedances Map

Report: Phase II ESA

Date: 9/5/2024

Drawn By: KB

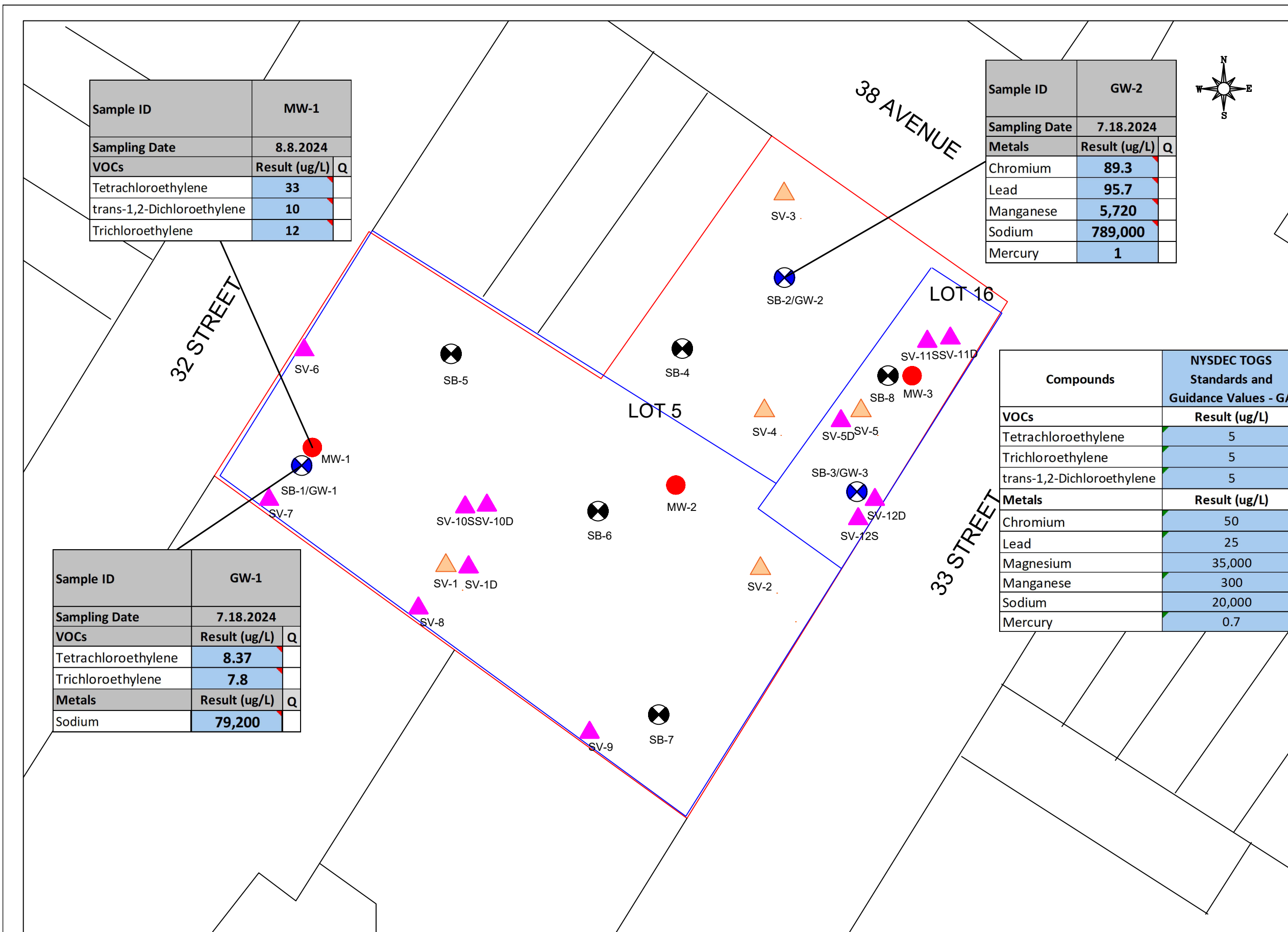
Site Address: 32-20 38th Avenue &
 38-18 33rd Street
 Queens, New York

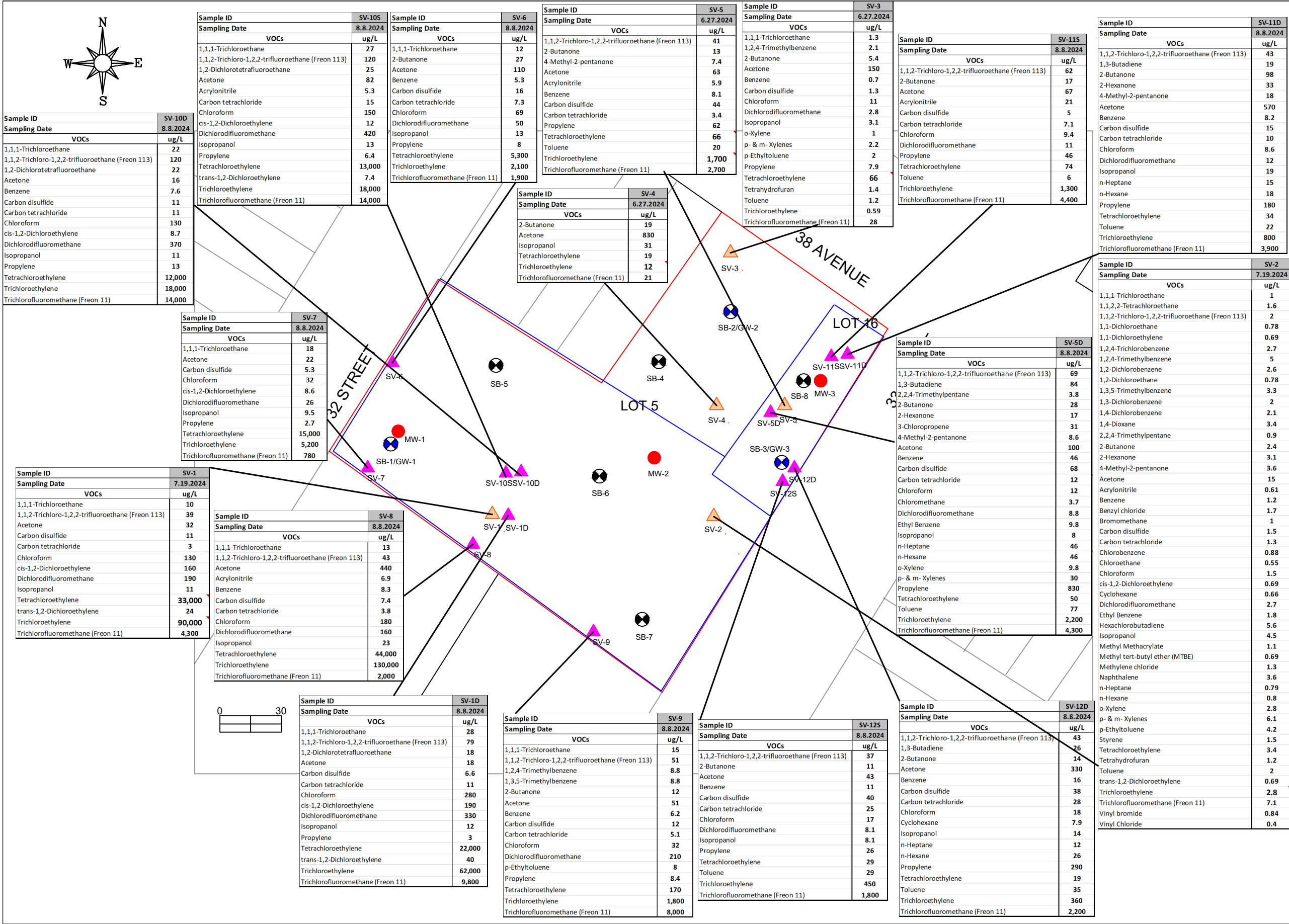
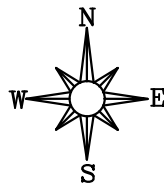
Sample ID	GW-2	
Sampling Date	7.18.2024	
Metals	Result (ug/L)	Q
Chromium	89.3	
Lead	95.7	
Manganese	5,720	
Sodium	789,000	
Mercury	1	

Compounds	NYSDEC TOGS Standards and Guidance Values - GA
VOCs	Result (ug/L)
Tetrachloroethylene	5
Trichloroethylene	5
trans-1,2-Dichloroethylene	5
Metals	Result (ug/L)
Chromium	50
Lead	25
Magnesium	35,000
Manganese	300
Sodium	20,000
Mercury	0.7

Sample ID	MW-1	
Sampling Date	8.8.2024	
VOCs	Result (ug/L)	Q
Tetrachloroethylene	33	
trans-1,2-Dichloroethylene	10	
Trichloroethylene	12	

Sample ID	GW-1	
Sampling Date	7.18.2024	
VOCs	Result (ug/L)	Q
Tetrachloroethylene	8.37	
Trichloroethylene	7.8	
Metals	Result (ug/L)	Q
Sodium	79,200	





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- Legend:**
- Property Boundary
 - Building Boundary
 - Prior Soil Boring Location and Designated ID (July 2024)
 - SB-X
 - Prior Soil Boring/Groundwater Sample Location and Designated ID (July 2024)
 - SB-X/GW-X
 - ▲ Prior Soil Vapor Point Location and Designated ID (July 2024)
 - SV-X
 - Monitoring Well Location and Designated ID
 - MW-X
 - ▲ Soil Vapor Point Location and Designated ID (August 2024)
 - SV-X

Scale:
AS SHOWN

Figure No. 5

Figure Name: Soil Vapor Exceedances Spider Map

Report: IRMWP

Date: 9/5/2024

Drawn By: KB

Site Address: 32-20 38th Avenue & 38-18 33rd Street Queens, New York

Sample ID	SV-10D
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	22
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	120
1,2-Dichlorotetrafluoroethane	22
Acetone	16
Benzene	7.6
Carbon disulfide	11
Carbon tetrachloride	11
Chloroform	130
cis-1,2-Dichloroethylene	8.7
Dichlorodifluoromethane	370
Isopropanol	11
Propylene	13
Tetrachloroethylene	12,000
Trichloroethylene	18,000
Trichlorofluoromethane (Freon 11)	14,000

Sample ID	SV-10S
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	27
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	120
1,2-Dichlorotetrafluoroethane	25
Acetone	82
Acrylonitrile	5.3
Carbon tetrachloride	15
Chloroform	150
cis-1,2-Dichloroethylene	12
Dichlorodifluoromethane	420
Isopropanol	13
Propylene	6.4
Tetrachloroethylene	13,000
trans-1,2-Dichloroethylene	7.4
Trichloroethylene	18,000
Trichlorofluoromethane (Freon 11)	14,000

Sample ID	SV-6
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	12
2-Butanone	27
Acetone	110
Benzene	5.3
Carbon disulfide	16
Carbon tetrachloride	7.3
Chloroform	69
Dichlorodifluoromethane	50
Isopropanol	13
Propylene	8
Tetrachloroethylene	5,300
Trichloroethylene	2,100
Trichlorofluoromethane (Freon 11)	1,900

Sample ID	SV-5
Sampling Date	6.27.2024
VOCs	
	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41
2-Butanone	13
4-Methyl-2-pentanone	7.4
Acetone	63
Acrylonitrile	5.9
Benzene	8.1
Carbon disulfide	44
Carbon tetrachloride	3.4
Propylene	62
Tetrachloroethylene	66
Propylene	20
Trichloroethylene	1,700
Trichlorofluoromethane (Freon 11)	2,700

Sample ID	SV-3
Sampling Date	6.27.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	1.3
1,2,4-Trimethylbenzene	2.1
2-Butanone	5.4
Acetone	150
Benzene	0.7
Carbon disulfide	1.3
Chloroform	11
Dichlorodifluoromethane	2.8
Isopropanol	3.1
o-Xylene	1
p- & m- Xylenes	2.2
p-Ethyltoluene	2
Propylene	7.9
Tetrachloroethylene	66
Tetrahydrofuran	1.4
Toluene	1.2
Trichloroethylene	0.59
Trichlorofluoromethane (Freon 11)	28

Sample ID	SV-11S
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62
2-Butanone	17
Acetone	67
Acrylonitrile	21
Carbon disulfide	5
Carbon tetrachloride	7.1
Chloroform	9.4
Dichlorodifluoromethane	11
Propylene	46
Tetrachloroethylene	74
Toluene	6
Trichloroethylene	1,300
Trichlorofluoromethane (Freon 11)	4,400

Sample ID	SV-11D
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43
1,3-Butadiene	19
2-Butanone	98
2-Hexanone	33
4-Methyl-2-pentanone	18
Acetone	570
Benzene	8.2
Carbon disulfide	15
Carbon tetrachloride	10
Chloroform	8.6
Dichlorodifluoromethane	12
Isopropanol	19
n-Heptane	15
n-Hexane	18
Propylene	180
Tetrachloroethylene	34
Toluene	22
Trichloroethylene	800
Trichlorofluoromethane (Freon 11)	3,900

Sample ID	SV-1
Sampling Date	7.19.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	10
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39
Acetone	32
Carbon disulfide	11
Carbon tetrachloride	3
Chloroform	130
cis-1,2-Dichloroethylene	160
Dichlorodifluoromethane	190
Isopropanol	11
Tetrachloroethylene	33,000
trans-1,2-Dichloroethylene	24
Trichloroethylene	90,000
Trichlorofluoromethane (Freon 11)	4,300

Sample ID	SV-7
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	18
Acetone	22
Carbon disulfide	5.3
Chloroform	32
cis-1,2-Dichloroethylene	8.6
Dichlorodifluoromethane	26
Isopropanol	9.5
Propylene	2.7
Tetrachloroethylene	15,000
Trichloroethylene	5,200
Trichlorofluoromethane (Freon 11)	780

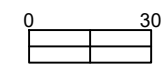
Sample ID	SV-8
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	13
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43
Acetone	440
Acrylonitrile	6.9
Benzene	8.3
Carbon disulfide	7.4
Carbon tetrachloride	3.8
Chloroform	180
Dichlorodifluoromethane	160
Isopropanol	23
Tetrachloroethylene	44,000
Trichloroethylene	130,000
Trichlorofluoromethane (Freon 11)	2,000

Sample ID	SV-9
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	15
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51
2-Butanone	8.8
Acetone	43
Benzene	11
Carbon disulfide	40
Carbon tetrachloride	25
Chloroform	17
Dichlorodifluoromethane	8.1
Isopropanol	8.1
Propylene	26
Tetrachloroethylene	29
Toluene	29
Trichloroethylene	450
Trichlorofluoromethane (Freon 11)	1,800

Sample ID	SV-12S
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37
2-Butanone	11
Acetone	43
Benzene	11
Carbon disulfide	40
Carbon tetrachloride	25
Chloroform	17
Dichlorodifluoromethane	8.1
Isopropanol	8.1
Propylene	26
Tetrachloroethylene	29
Toluene	29
Trichloroethylene	450
Trichlorofluoromethane (Freon 11)	1,800

Sample ID	SV-5D
Sampling Date	8.8.2024
VOCs	
	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	69
1,3-Butadiene	84
2,2,4-Trimethylpentane	3.8
2-Butanone	28
2-Hexanone	17
3-Chloropropene	31
4-Methyl-2-pentanone	8.6
Acetone	100
Benzene	46
Carbon disulfide	68
Carbon tetrachloride	12
Chloroform	12
Chloromethane	3.7
Dichlorodifluoromethane	8.8
Ethyl Benzene	9.8
Isopropanol	8
n-Heptane	46
n-Hexane	46
o-Xylene	9.8
p- & m- Xylenes	30
Propylene	830
Tetrachloroethylene	50
Toluene	77
Trichloroethylene	2,200
Trichlorofluoromethane (Freon 11)	4,300

Sample ID	SV-2
Sampling Date	7.19.2024
VOCs	
	ug/L
1,1,1-Trichloroethane	1
1,1,2-Tetrachloroethane	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2
1,1-Dichloroethane	0.78
1,1-Dichloroethylene	0.69
1,2,4-Trichlorobenzene	2.7
1,2,4-Trimethylbenzene	5
1,2-Dichlorobenzene	2.6
1,2-Butadiene	0.78
1,3,5-Trimethylbenzene	3.3
1,3-Dichlorobenzene	2
1,4-Dichlorobenzene	2.1
1,4-Dioxane	3.4
2,2,4-Trimethylpentane	0.9
2-Butanone	2.4
2-Hexanone	3.1
4-Methyl-2-pentanone	3.6
Acetone	15
Acrylonitrile	0.61
Benzene	1.2
Benzyl chloride	1.7
Bromomethane	1
Carbon disulfide	1.5
Carbon tetrachloride	1.3
Chlorobenzene	0.88
Chloroethane	0.55
Chloroform	1.5
cis-1,2-Dichloroethylene	0.69
Cyclohexane	0.66
Dichlorodifluoromethane	2.7
Ethyl Benzene	1.8
Hexachlorobutadiene	5.6
Isopropanol	4.5
Methyl Methacrylate	1.1
Methyl tert-butyl ether (MTBE)	0.69
Methylene chloride	1.3
Naphthalene	3.6
n-Heptane	0.79
n-Hexane	0.8
o-Xylene	2.8
p- & m- Xylenes	6.1
p-Ethyltoluene	4.2
Styrene	1.5
Tetrachloroethylene	3.4
Tetrahydrofuran	1.2
Toluene	2
trans-1,2-Dichloroethylene	0.69
Trichloroethylene	2.8
Trichlorofluoromethane (Freon 11)	7.1
Vinyl bromide	0.84
Vinyl Chloride	0.4



APPENDICES

APPENDIX A

SOIL BORING LOGS

	<p>SURFACE ASPHALT CONCRETE FILL TOPSOIL AIR ICE</p> <p>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</p> <p>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</p>		<p>Volume Descriptors Trace = <5% Few = 5-10% Little = 15-25% Some = 30-45% Mostly = >=50%</p> <p>Water Levels Water Level During Drilling Water Level at End of Drilling/in Completed Well</p> <p>Well/Boring Completion Cap Riser Screen End Plug Annular Seal Sanitary Seal (Bentonite Slurry/Chips/Pellets/Powder, Other) Filter Pack (Sand, Gravel, Other) Backfill</p> <p>Sample Type GR Grab EN Encore SS Split Spoon SH Shelby Tube CO Core Barrel DP Direct Push ID Lab Sample and ID</p> <p>Soil/Rock Contact Lines Inferred Abrupt Gradational</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Client: Cavu Property Group
Project: 32-20 38th Avenue and 38-18 33rd Street
Address: 38-18 33rd Street, Long Island City, NY

BORING LOG
Boring No. SB-1
Page: 1 of 1

Drilling Start Date: 7/18/2024	Boring Depth (ft): 25
Drilling End Date: 7/18/2024	Boring Diameter (in): 2.0
Drilling Company: Coastal Environmental Solutions	Sampling Method(s): Direct Push
Drilling Method: Direct Push	Location (Lat, Long): 40.75282, -73.93148
Drilling Equipment: 6620DT	
Driller: Nick Turro	
Logged By: Antonio Cardenas	

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								(0.00') Fill: concrete			0
								(0.50') Fill: Poorly graded SAND (SP); fine grained, trace silt, very loose, dry, brown, some weathered rock, trace concrete			
								(1.00') Poorly graded SAND (SP); fine-medium grained, trace fine gravel, trace silt, very loose, dry, brown			
								(2.00') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, loose, dry, brown			
5								(5.00') Fill: rly graded SAND (SP); fine grained, trace silt, very loose, dry, brown, concrete			5
								(6.00') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, brown			
10								(10.00') Fill: Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, brown, concrete			10
								(11.50') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, loose, slightly moist, brown			
								(12.50') Poorly graded SAND (SP); fine grained, trace fine gravel, little silt, trace clay, medium dense, moist, brown			
15								(15.00') Fill: Poorly graded SAND with gravel (SP); fine grained, little fine gravel, trace silt, medium dense, wet, brown, trace ash and asphalt			15
								(16.50') Poorly graded SAND (SP); fine grained, trace fine gravel, little silt, trace clay, medium dense, wet, brown			
20								(20.00') Poorly graded SAND with gravel (SP); fine grained, little fine gravel, trace silt, medium dense, wet, brown			20
								(20.50') Poorly graded SAND (SP); fine grained, trace fine gravel, little silt, trace clay, medium dense, wet, brown			
25								(25.00') Boring terminated			25

NOTES:

Client: **Cavu Property Group**
 Project: **32-20 38th Avenue and 38-18 33rd Street**
 Address: **38-18 33rd Street, Long Island City, NY**

BORING LOG
 Boring No. **SB-2**
 Page: **1 of 1**

Drilling Start Date: **7/18/2024**
 Drilling End Date: **7/18/2024**
 Drilling Company: **Coastal Environmental Solutions**
 Drilling Method: **Direct Push**
 Drilling Equipment: **6620DT**
 Driller: **Nick Turro**
 Logged By: **Antonio Cardenas**

Boring Depth (ft): **25**
 Boring Diameter (in): **2.0**
 Sampling Method(s): **Direct Push**
 Location (Lat, Long): **40.75300, -73.93093**

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							2.75	(0.00') Fill: concrete (0.50') Fill: Poorly graded SAND (SP); fine grained, trace silt, very loose, dry, brown, some concrete (1.00') Poorly graded SAND with gravel (SP); fine grained, little fine gravel, trace silt, loose, dry, light brown	0		0
19.1									19.1	SB-2(2'-4')	
5							4.00	(5.00') Fill: Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, loose, dry, light brown, little concrete (6.50') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, loose, dry, light brown	0		5
10							4.50	(10.00') Fill: Poorly graded SAND (SP); fine grained, trace silt, loose, dry, light brown, little concrete (11.00') Poorly graded SAND (SP); fine grained, trace silt, medium dense, dry, light brown	0		10
15							3.92	(15.00') Fill: Poorly graded SAND (SP); fine grained, trace silt, medium dense, moist, light brown, little concrete (16.00') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, medium dense, wet, brown	0		15
20							5.00	(20.00') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, medium dense, wet, brown, some weathered rock	0		20
25								(22.50') Poorly graded SAND (SP); fine grained, trace silt, trace clay, medium dense, wet, light brown, some weathered rock	0.5		25
								(25.00') Boring terminated			

NOTES:

Client: **Cavu Property Group**
 Project: **32-20 38th Avenue and 38-18 33rd Street**
 Address: **38-18 33rd Street, Long Island City, NY**

BORING LOG
 Boring No. **SB-3**
 Page: **1 of 1**

Drilling Start Date: 7/18/2024	Boring Depth (ft): 18
Drilling End Date: 7/18/2024	Boring Diameter (in): 2.0
Drilling Company: Coastal Environmental Solutions	Sampling Method(s): Direct Push
Drilling Method: Direct Push	Location (Lat, Long): 40.75278, -73.93086
Drilling Equipment: 6620DT	
Driller: Nick Turro	
Logged By: Antonio Cardenas	

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							2.42	(0.00') Fill: concrete (0.50') Fill: Poorly graded SAND (SP); fine grained, trace silt, very loose, dry, brown, some weathered rock, trace concrete	0		0
5							3.75	(5.00') Fill: Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, light brown, some concrete	0		5
10							2.92	(7.50') Poorly graded SAND (SP); fine grained, trace fine gravel, little silt, trace clay, medium dense, dry, brown	0		10
15											15
18											18
20								(18.00') Boring terminated			20
25											25

NOTES:

Drilling Start Date: 7/18/2024 Drilling End Date: 7/18/2024 Drilling Company: Coastal Environmental Solutions Drilling Method: Direct Push Drilling Equipment: 6620DT Driller: Nick Turro Logged By: Antonio Cardenas	Boring Depth (ft): 12 Boring Diameter (in): 2.0 Sampling Method(s): Direct Push Location (Lat, Long): 40.75288, -73.93104
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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								(0.00') Fill: concrete			0
5			DP					(0.50') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, light brown	0		5
10			DP					(5.00') Fill: Poorly graded SAND (SP); fine grained, trace silt, very loose, dry, light brown, little concrete	0		10
15			DP					(6.50') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, light brown	0		15
20			DP					(12.00') Boring terminated	0	SB-4 (10'-12')	20
25			DP								25

NOTES:

Drilling Start Date: 7/18/2024 Drilling End Date: 7/18/2024 Drilling Company: Coastal Environmental Solutions Drilling Method: Direct Push Drilling Equipment: 6620DT Driller: Nick Turro Logged By: Antonio Cardenas	Boring Depth (ft): 12 Boring Diameter (in): 2.0 Sampling Method(s): Direct Push Location (Lat, Long): 40.75290, -73.93132
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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							2.50	(0.00') Fill: concrete, little asphalt (0.50') Poorly graded SAND with gravel (SP); fine grained, little fine gravel, trace silt, very loose, dry, brown	0		0
5			DP				3.33	(5.00') Fill: Poorly graded SAND (SP); fine grained, trace silt, very loose, dry, brown, little concrete (6.50') Poorly graded SAND (SP); fine grained, trace fine gravel, little silt, medium dense, dry, brown	0		5
10									0		10
15											15
20											20
25								(12.00') Boring terminated			25

NOTES:

Drilling Start Date: 7/18/2024 Drilling End Date: 7/18/2024 Drilling Company: Coastal Environmental Solutions Drilling Method: Direct Push Drilling Equipment: 6620DT Driller: Nick Turro Logged By: Antonio Cardenas	Boring Depth (ft): 12 Boring Diameter (in): 2.0 Sampling Method(s): Direct Push Location (Lat, Long): 40.75274, -73.93118
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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	[Concrete Pattern]		DP				2.50	(0.00') Fill: concrete	0		0
	[Sand with Gravel Pattern]							(0.50') Fill: Poorly graded SAND with gravel (SP); fine-medium grained, little fine gravel, trace silt, loose, dry, brown, trace asphalt	0		
	[Sand with Gravel Pattern]							(2.00') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, light brown	0		
5	[Sand with Gravel Pattern]		DP				5.00	(5.00') Fill: Poorly graded SAND (SP); fine grained, trace silt, very loose, dry, brown, some concrete, trace asphalt	0		5
	[Sand with Gravel Pattern]							(5.50') Poorly graded SAND (SP); fine grained, trace fine gravel, trace silt, very loose, dry, brown	0		
10										SB-6 (8'-10')	10
15											15
20											20
25								(12.00') Boring terminated			25

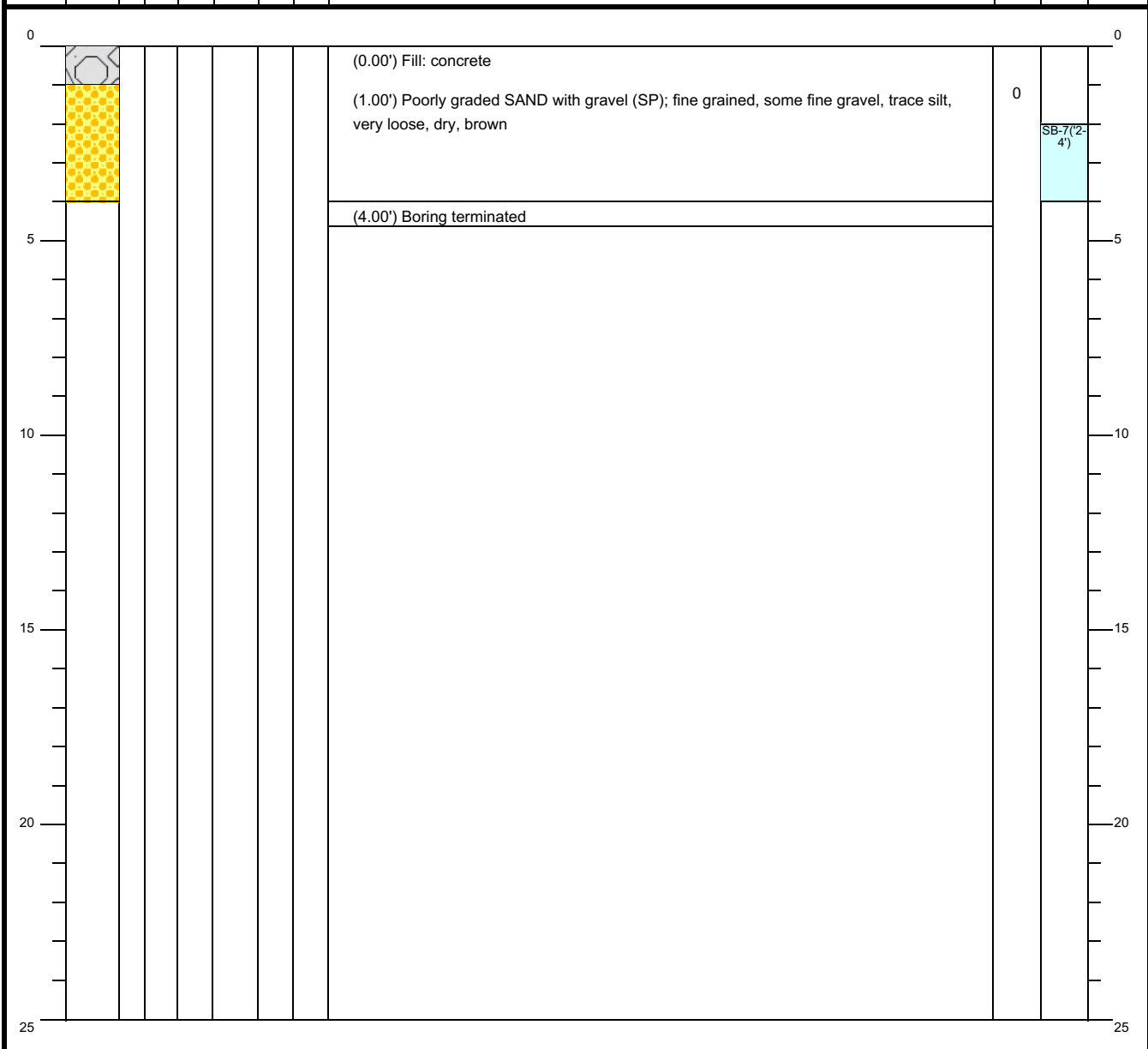
NOTES:

Client: **Cavu Property Group**
 Project: **32-20 38th Avenue and 38-18 33rd Street**
 Address: **38-18 33rd Street, Long Island City, NY**

BORING LOG
 Boring No. **SB-7**
 Page: **1 of 1**

Drilling Start Date: 7/18/2024	Boring Depth (ft): 4
Drilling End Date: 7/18/2024	Boring Diameter (in): 2.0
Drilling Company: Coastal Environmental Solutions	Location (Lat, Long): 40.75256, -73.93103
Drilling Method: Hand Auger Rig	
Drilling Equipment: Hand Auger	
Driller: Nick Turro	
Logged By: Antonio Cardenas	

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	



NOTES:

Client: **Cavu Property Group**
 Project: **32-20 38th Avenue and 38-18 33rd Street**
 Address: **38-18 33rd Street, Long Island City, NY**

BORING LOG
 Boring No. **SB-8**
 Page: **1 of 1**

Drilling Start Date: **7/18/2024**
 Drilling End Date: **7/18/2024**
 Drilling Company: **Coastal Environmental Solutions**
 Drilling Method: **Direct Push**
 Drilling Equipment: **6620DT**
 Driller: **Nick Turro**
 Logged By: **Antonio Cardenas**

Boring Depth (ft): **12**
 Boring Diameter (in): **2.0**
 Sampling Method(s): **Direct Push**
 Location (Lat, Long): **40.75289, -73.93077**

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								(0.00') Fill: Poorly graded SAND (SP); fine grained, very loose, dry, brown, concrete, trace brick			0
								(0.50') Poorly graded SAND with gravel (SP); fine grained, little fine gravel, trace silt, very loose, dry, light brown			
3.08			DP								
5								(5.00') Fill: Poorly graded SAND with gravel (SP); fine grained, some fine gravel, trace silt, very loose, dry, light brown, little concrete			5
			DP					(7.50') Fill: Poorly graded SAND with gravel (SP); fine grained, little fine gravel, trace silt, very loose, dry, light brown, trace glass			
10											10
								(12.00') Boring terminated			12
15											15
20											20
25											25

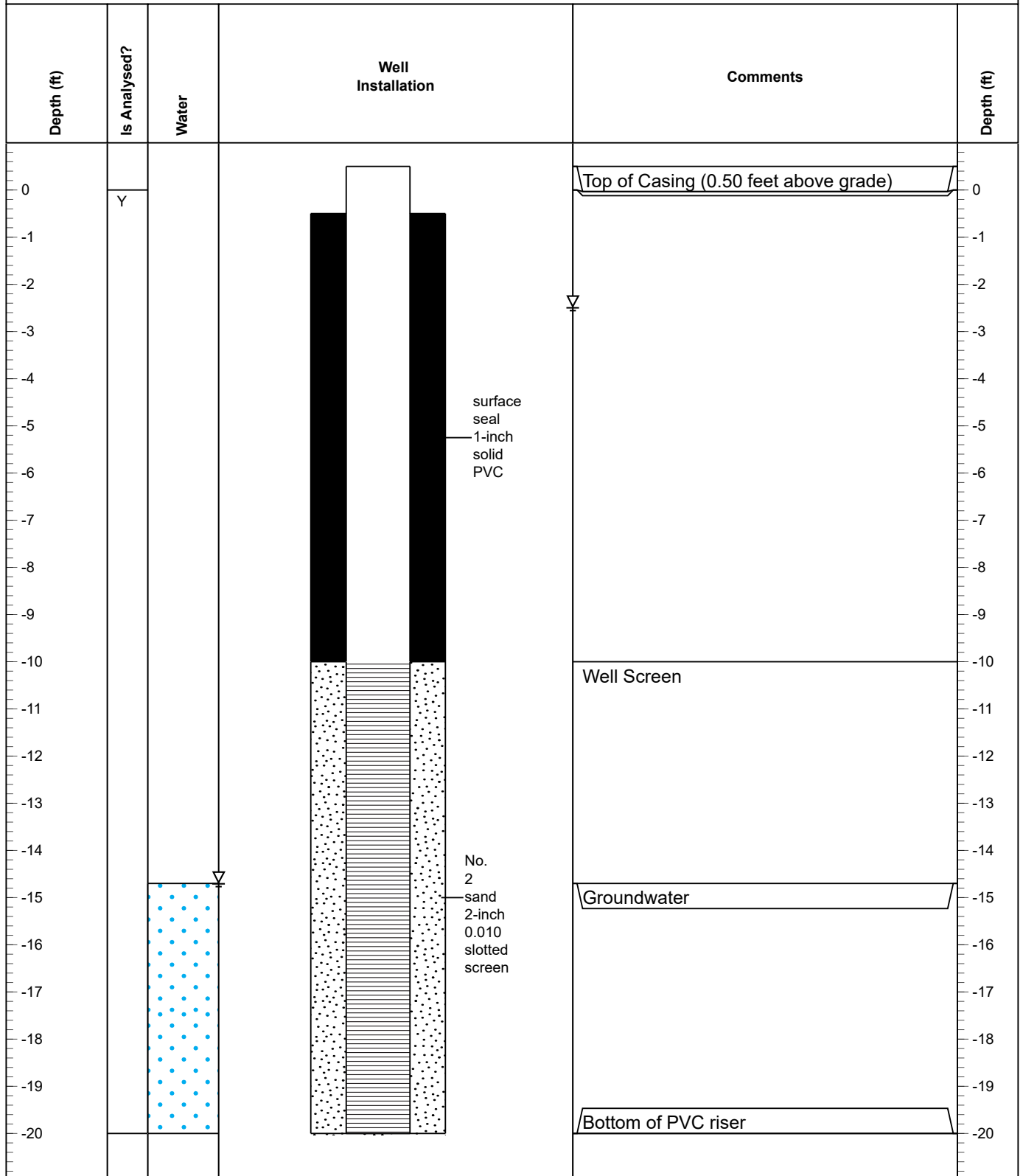
NOTES:

APPENDIX B

MONITORING WELL CONSTRUCTION LOGS

PROJECT NAME 38-18 33rd Street and 32-20 38th Ave	DRILLING COMPANY Coastal Environmental	LOGGED BY Antonio Cardenas
ADDRESS 38-18 33rd Street and 32-20 38th Ave Queens, New York	DRILLER Nick Turro	WELL TOC 0.50 feet above grade
DRILLING DATE 8/7/24	DRILL RIG Geoprobe 7822DT	DEPTH TO WATER 14.7 feet bgs
DIAMETER 3.75	TOTAL DEPTH 20 feet bgs	SCREENED DEPTH 10-20 feet bgs
	BGS Below Grade Surface	

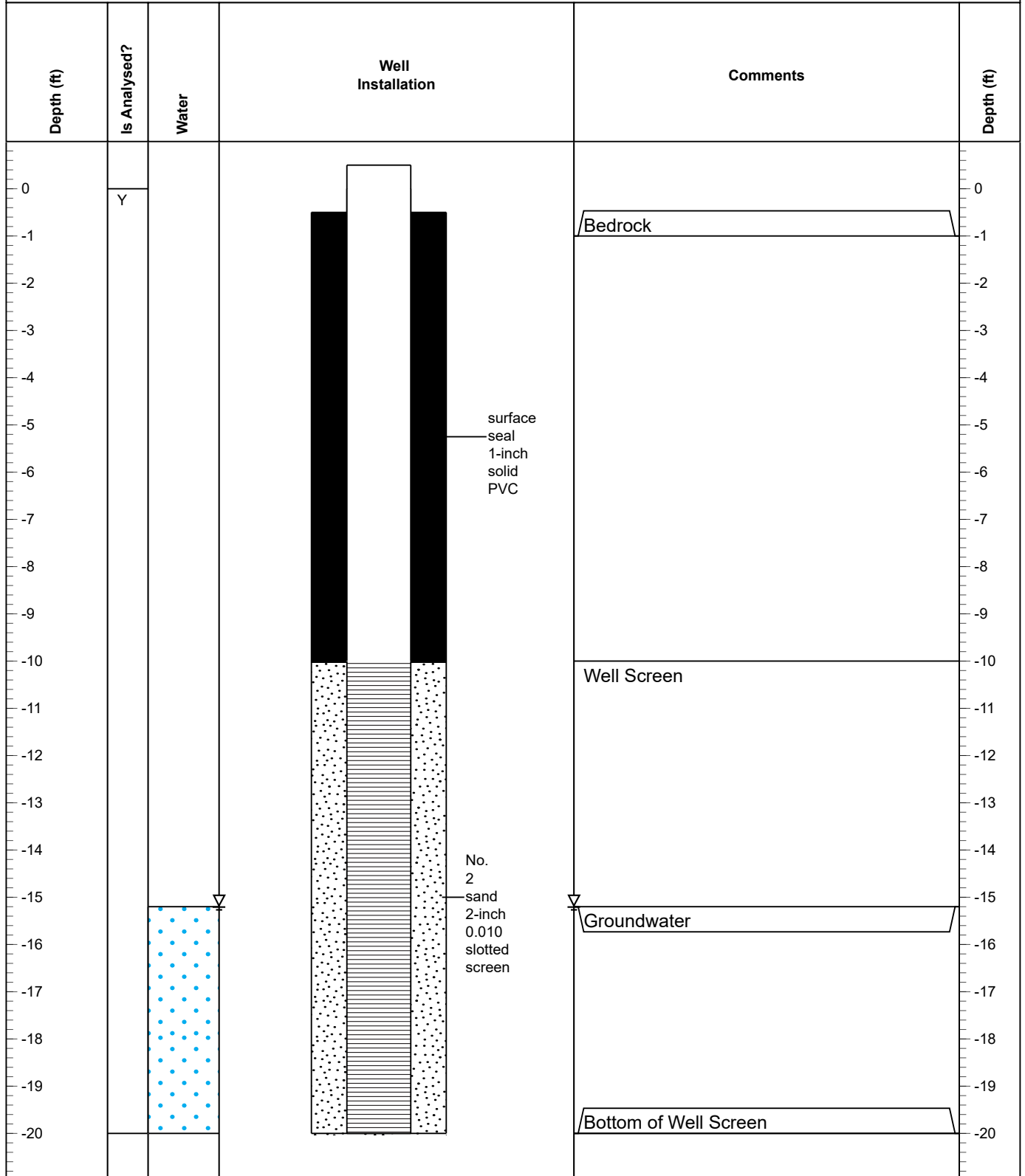
Well ID: MW-1



Disclaimer This bore log is intended for environmental not geotechnical purposes.

PROJECT NAME 38-18 33rd Street and 32-20 38th Ave	DRILLING COMPANY Coastal Environmental	LOGGED BY Antonio Cardenas
ADDRESS 38-18 33rd Street and 32-20 38th Ave Queens, New York	DRILLER Nick Turro	WELL TOC 0.50 feet above grade
DRILLING DATE 8/7/24	DRILL RIG Geoprobe 7822DT	DEPTH TO WATER 13.8 feet bgs
DIAMETER 3.75	TOTAL DEPTH 20 feet bgs	SCREENED DEPTH 10-20 feet bgs
	BGS Below Grade Surface	

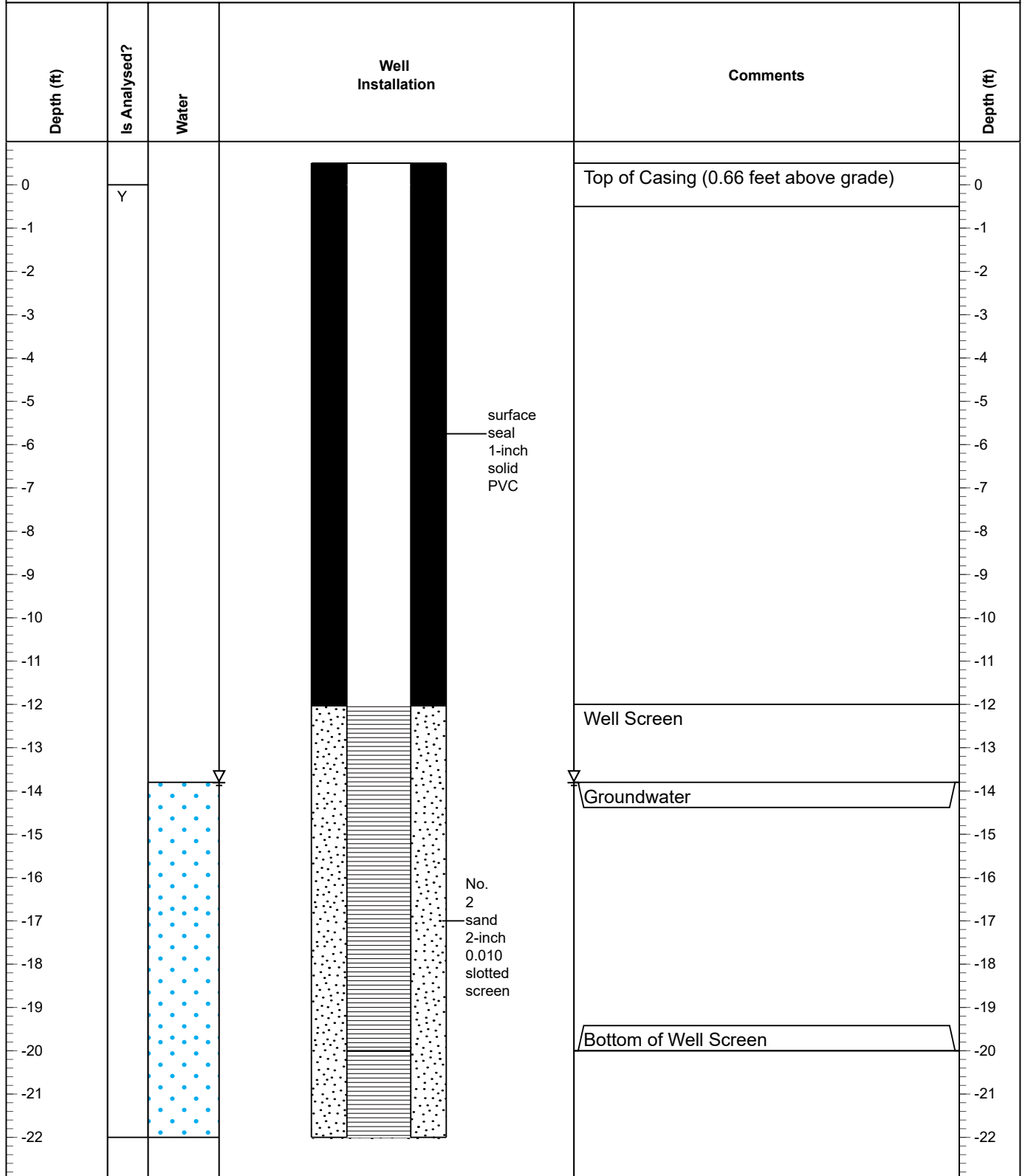
Well ID: MW-2



Disclaimer This bore log is intended for environmental not geotechnical purposes.

PROJECT NAME 38-18 33rd Street and 32-20 38th Ave	DRILLING COMPANY Coastal Environmental	LOGGED BY Antonio Cardenas
ADDRESS 38-18 33rd Street and 32-20 38th Ave Queens, New York	DRILLER Nick Turro	WELL TOC 0.50 feet above grade
DRILLING DATE 8/7/24	DRILL RIG Geoprobe 7822DT	DEPTH TO WATER 13.8 feet bgs
DIAMETER 3.75	TOTAL DEPTH 22 feet bgs	SCREENED DEPTH 12-22 feet bgs
	BGS Below Grade Surface	

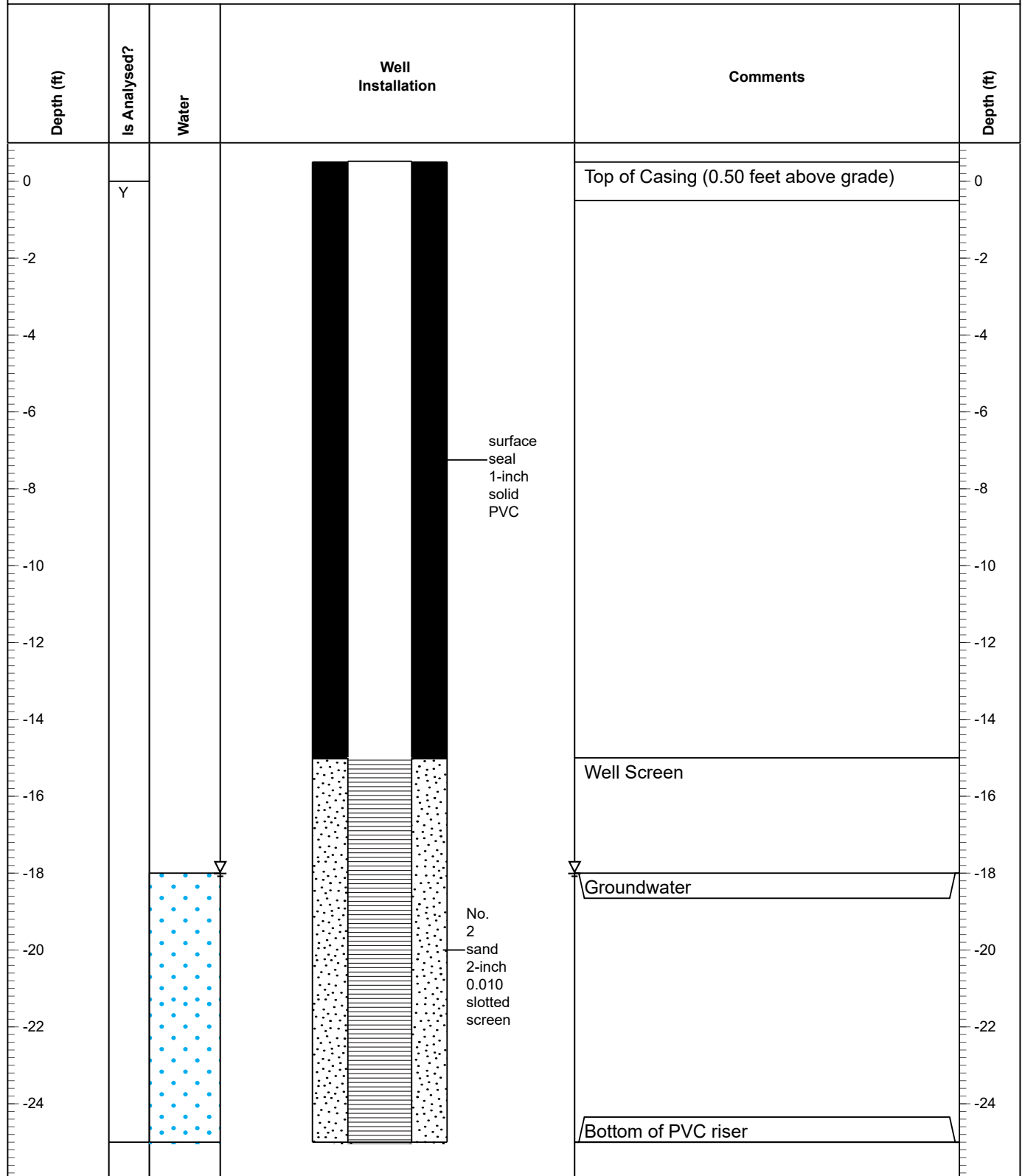
Well ID: MW-3



Disclaimer This bore log is intended for environmental not geotechnical purposes.

PROJECT NAME 38-18 33rd Street and 32-20 38th Ave	DRILLING COMPANY Coastal Environmental	LOGGED BY Antonio Cardenas
ADDRESS 38-18 33rd Street and 32-20 38th Ave Queens, New York	DRILLER John	WELL TOC 0.50 feet above grade
DRILLING DATE 7/18/24	DRILL RIG Geoprobe 7822DT	DEPTH TO WATER 18 feet bgs
DIAMETER 3.75	TOTAL DEPTH 25 feet bgs	SCREENED DEPTH 15-25 feet bgs
	BGS Below Grade Surface	

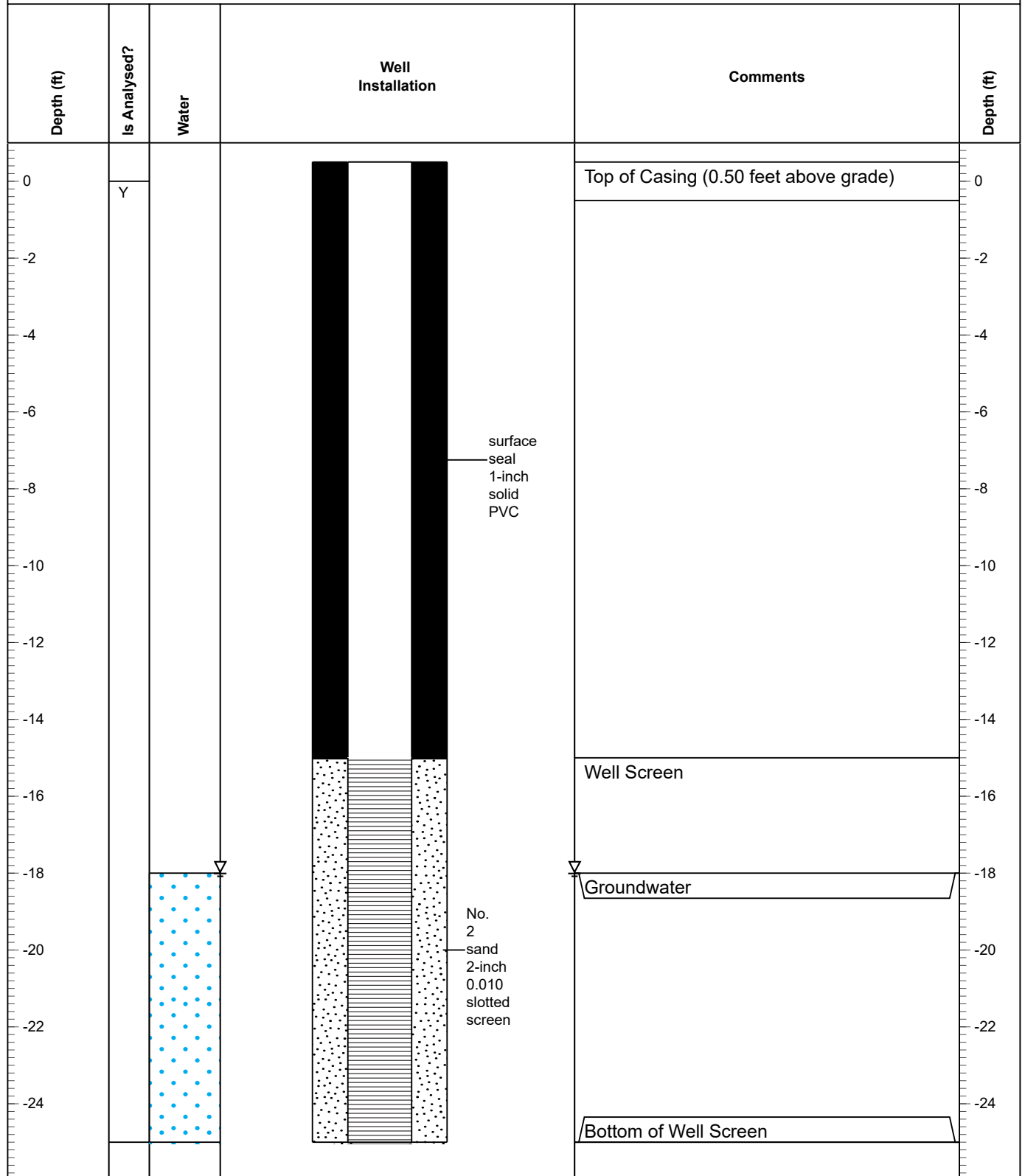
Well ID: MW-4



Disclaimer This bore log is intended for environmental not geotechnical purposes.

PROJECT NAME 38-18 33rd Street and 32-20 38th Ave	DRILLING COMPANY Coastal Environmental	LOGGED BY Antonio Cardenas
ADDRESS 38-18 33rd Street and 32-20 38th Ave Queens, New York	DRILLER John	WELL TOC 0.50 feet above grade
DRILLING DATE 8/7/2024	DRILL RIG Geoprobe 7822DT	DEPTH TO WATER 18 feet bgs
DIAMETER 3.75	TOTAL DEPTH 25 feet bgs	SCREENED DEPTH 15-25 feet bgs
	BGS Below Grade Surface	

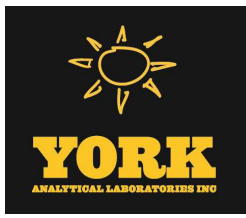
Well ID: MW-5



Disclaimer This bore log is intended for environmental not geotechnical purposes.

APPENDIX C

LABORATORY ANALYTICAL REPORT FOR SOIL SAMPLES



Technical Report

prepared for:

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

Report Date: 07/26/2024
Client Project ID: 24-0012 32-20 38th Ave 38-18 33rd St
York Project (SDG) No.: 24G1377

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/26/2024
Client Project ID: 24-0012 32-20 38th Ave 38-18 33rd St
York Project (SDG) No.: 24G1377

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 19, 2024 and listed below. The project was identified as your project: **24-0012 32-20 38th Ave 38-18 33rd St.**

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>
24G1377-01	SV-1	Soil Vapor	07/19/2024	07/19/2024
24G1377-02	SV-2	Soil Vapor	07/19/2024	07/19/2024
24G1377-03	SV-3	Soil Vapor	07/19/2024	07/19/2024
24G1377-04	SV-4	Soil Vapor	07/19/2024	07/19/2024
24G1377-05	SV-5	Soil Vapor	07/19/2024	07/19/2024

General Notes for York Project (SDG) No.: 24G1377

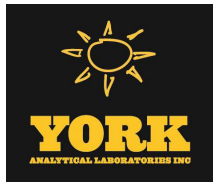
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 07/26/2024





Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.
24G1377

Client Project ID
24-0012 32-20 38th Ave 38-18 33rd St

Matrix
Soil Vapor

Collection Date/Time
July 19, 2024 12:00 am

Date Received
07/19/2024

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	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
71-55-6	1,1,1-Trichloroethane	10		ug/m ³	8.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		ug/m ³	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m ³	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.4	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	3.7	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	ND		ug/m ³	4.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
107-05-1	3-Chloropropene	ND		ug/m ³	25	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
67-64-1	Acetone	32	B	ug/m ³	19	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
71-43-2	Benzene	ND		ug/m ³	5.1	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
100-44-7	Benzyl chloride	ND		ug/m ³	8.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-25-2	Bromoform	ND		ug/m ³	16	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
74-83-9	Bromomethane	ND		ug/m ³	6.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-15-0	Carbon disulfide	11		ug/m ³	5.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
56-23-5	Carbon tetrachloride	3.0		ug/m ³	2.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
108-90-7	Chlorobenzene	ND		ug/m ³	7.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-00-3	Chloroethane	ND		ug/m ³	4.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
67-66-3	Chloroform	130		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
74-87-3	Chloromethane	ND		ug/m ³	3.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
156-59-2	cis-1,2-Dichloroethylene	160		ug/m ³	1.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
110-82-7	Cyclohexane	ND		ug/m ³	5.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	14	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-71-8	Dichlorodifluoromethane	190		ug/m ³	7.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.

Client Project ID

Matrix

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24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

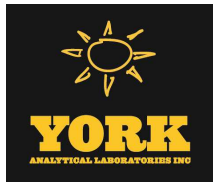
Volatile Organics, EPA TO15 Full List

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	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
100-41-4	Ethyl Benzene	ND		ug/m ³	6.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	17	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
67-63-0	Isopropanol	11		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-09-2	Methylene chloride	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
91-20-3	* Naphthalene	ND	ICVE	ug/m ³	17	15.91	EPA TO-15 Certifications: NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
142-82-5	n-Heptane	ND		ug/m ³	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
110-54-3	n-Hexane	ND		ug/m ³	5.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
95-47-6	o-Xylene	ND		ug/m ³	6.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.8	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
115-07-1	* Propylene	ND		ug/m ³	2.7	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
100-42-5	Styrene	ND		ug/m ³	6.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
127-18-4	Tetrachloroethylene	33000		ug/m ³	490	727.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/26/2024 16:36	DRP
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.4	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
108-88-3	Toluene	ND		ug/m ³	6.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
156-60-5	trans-1,2-Dichloroethylene	24		ug/m ³	6.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
79-01-6	Trichloroethylene	90000	TO-LCS -L	ug/m ³	98	727.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/26/2024 16:36	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	4300		ug/m ³	8.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	TO-LCS -L	ug/m ³	5.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
593-60-2	Vinyl bromide	ND		ug/m ³	7.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
71-55-6	1,1,1-Trichloroethane	1.0		ug/m ³	0.95	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
79-34-5	1,1,2,2-Tetrachloroethane	1.6		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.0		ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.95	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-34-3	1,1-Dichloroethane	0.78		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-35-4	1,1-Dichloroethylene	0.69		ug/m ³	0.17	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
120-82-1	1,2,4-Trichlorobenzene	2.7	CAL-E, ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
95-63-6	1,2,4-Trimethylbenzene	5.0		ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
95-50-1	1,2-Dichlorobenzene	2.6		ug/m ³	1.0	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
107-06-2	1,2-Dichloroethane	0.78		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.81	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-67-8	1,3,5-Trimethylbenzene	3.3		ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
541-73-1	1,3-Dichlorobenzene	2.0		ug/m ³	1.0	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.81	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
106-46-7	1,4-Dichlorobenzene	2.1		ug/m ³	1.0	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
123-91-1	1,4-Dioxane	3.4		ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT





Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

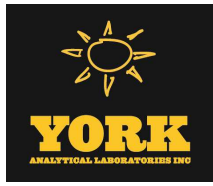
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	0.90		ug/m ³	0.41	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
78-93-3	2-Butanone	2.4		ug/m ³	0.51	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
591-78-6	* 2-Hexanone	3.1		ug/m ³	1.4	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-10-1	4-Methyl-2-pentanone	3.6		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
67-64-1	Acetone	15	B, TO-CC V, TO-LCS -L	ug/m ³	0.83	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
107-13-1	Acrylonitrile	0.61		ug/m ³	0.38	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
71-43-2	Benzene	1.2		ug/m ³	0.56	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
100-44-7	Benzyl chloride	1.7		ug/m ³	0.90	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-25-2	Bromoform	ND		ug/m ³	1.8	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
74-83-9	Bromomethane	1.0		ug/m ³	0.68	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-15-0	Carbon disulfide	1.5		ug/m ³	0.54	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
56-23-5	Carbon tetrachloride	1.3		ug/m ³	0.27	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-90-7	Chlorobenzene	0.88		ug/m ³	0.80	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-00-3	Chloroethane	0.55		ug/m ³	0.46	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
67-66-3	Chloroform	1.5		ug/m ³	0.85	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
74-87-3	Chloromethane	ND		ug/m ³	0.36	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
156-59-2	cis-1,2-Dichloroethylene	0.69		ug/m ³	0.17	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.79	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

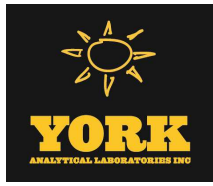
Volatile Organics, EPA TO15 Full List

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	0.66		ug/m ³	0.60	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
100-41-4	Ethyl Benzene	1.8		ug/m ³	0.76	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
87-68-3	Hexachlorobutadiene	5.6	ICVE	ug/m ³	1.9	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
67-63-0	Isopropanol	4.5	B	ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
80-62-6	Methyl Methacrylate	1.1		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	0.69		ug/m ³	0.63	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-09-2	Methylene chloride	1.3		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
91-20-3	* Naphthalene	3.6	ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.8	1.745	EPA TO-15 Certifications: NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
142-82-5	n-Heptane	0.79		ug/m ³	0.72	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
110-54-3	n-Hexane	0.80		ug/m ³	0.62	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
95-47-6	o-Xylene	2.8		ug/m ³	0.76	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
179601-23-1	p- & m- Xylenes	6.1		ug/m ³	1.5	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
622-96-8	* p-Ethyltoluene	4.2		ug/m ³	0.86	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
115-07-1	* Propylene	ND		ug/m ³	0.30	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
100-42-5	Styrene	1.5		ug/m ³	0.74	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
127-18-4	Tetrachloroethylene	3.4		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	1.0	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

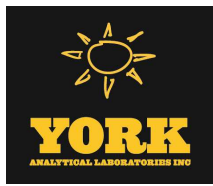
Volatile Organics, EPA TO15 Full List

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
108-88-3	Toluene	2.0		ug/m ³	0.66	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
156-60-5	trans-1,2-Dichloroethylene	0.69		ug/m ³	0.69	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.79	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
79-01-6	Trichloroethylene	2.8	TO-LCS -L	ug/m ³	0.23	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-69-4	Trichlorofluoromethane (Freon 11)	7.1		ug/m ³	0.98	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.61	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
593-60-2	Vinyl bromide	0.84		ug/m ³	0.76	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-01-4	Vinyl Chloride	0.40		ug/m ³	0.22	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
71-55-6	1,1,1-Trichloroethane	1.3		ug/m ³	1.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.74	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.18	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.4	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
95-63-6	1,2,4-Trimethylbenzene	2.1		ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.74	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.85	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	1.2	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.85	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT





Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	0.43	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
78-93-3	2-Butanone	5.4		ug/m ³	0.54	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.9	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.75	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
67-64-1	Acetone	150	B, TO-CC V, TO-LCS -L	ug/m ³	0.87	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.40	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
71-43-2	Benzene	0.70		ug/m ³	0.59	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.95	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-25-2	Bromoform	ND		ug/m ³	1.9	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
74-83-9	Bromomethane	ND		ug/m ³	0.71	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-15-0	Carbon disulfide	1.3		ug/m ³	0.57	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.29	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.84	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-00-3	Chloroethane	ND		ug/m ³	0.48	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
67-66-3	Chloroform	11		ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
74-87-3	Chloromethane	ND		ug/m ³	0.38	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.18	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.83	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

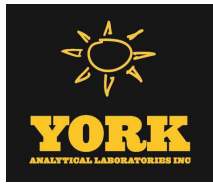
Volatile Organics, EPA TO15 Full List

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	0.63	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.6	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-71-8	Dichlorodifluoromethane	2.8		ug/m ³	0.91	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
100-41-4	Ethyl Benzene	ND		ug/m ³	0.80	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	2.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
67-63-0	Isopropanol	3.1	B	ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.75	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.66	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
91-20-3	* Naphthalene	ND	ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.9	1.835	EPA TO-15 Certifications: NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
142-82-5	n-Heptane	ND		ug/m ³	0.75	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
110-54-3	n-Hexane	ND		ug/m ³	0.65	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
95-47-6	o-Xylene	1.0		ug/m ³	0.80	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
179601-23-1	p- & m- Xylenes	2.2		ug/m ³	1.6	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
622-96-8	* p-Ethyltoluene	2.0		ug/m ³	0.90	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
115-07-1	* Propylene	7.9		ug/m ³	0.32	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
100-42-5	Styrene	ND		ug/m ³	0.78	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
127-18-4	Tetrachloroethylene	66		ug/m ³	1.2	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
109-99-9	* Tetrahydrofuran	1.4		ug/m ³	1.1	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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
108-88-3	Toluene	1.2		ug/m ³	0.69	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.73	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.83	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
79-01-6	Trichloroethylene	0.59	TO-LCS -L	ug/m ³	0.25	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-69-4	Trichlorofluoromethane (Freon 11)	28		ug/m ³	1.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.65	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.80	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.23	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	3.9	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
78-93-3	2-Butanone	19		ug/m ³	4.9	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	14	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
67-64-1	Acetone	830	B	ug/m ³	20	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
71-43-2	Benzene	ND		ug/m ³	5.3	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
100-44-7	Benzyl chloride	ND		ug/m ³	8.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-25-2	Bromoform	ND		ug/m ³	17	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
74-83-9	Bromomethane	ND		ug/m ³	6.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-15-0	Carbon disulfide	ND		ug/m ³	5.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-90-7	Chlorobenzene	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-00-3	Chloroethane	ND		ug/m ³	4.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
67-66-3	Chloroform	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
110-82-7	Cyclohexane	ND		ug/m ³	5.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	12	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

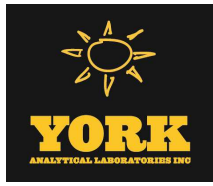
Volatile Organics, EPA TO15 Full List

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	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	18	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
67-63-0	Isopropanol	31		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-09-2	Methylene chloride	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
91-20-3	* Naphthalene	ND	ICVE	ug/m ³	17	16.55	EPA TO-15 Certifications: NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
142-82-5	n-Heptane	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
110-54-3	n-Hexane	ND		ug/m ³	5.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
95-47-6	o-Xylene	ND		ug/m ³	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
115-07-1	* Propylene	ND		ug/m ³	2.8	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
100-42-5	Styrene	ND		ug/m ³	7.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
127-18-4	Tetrachloroethylene	19		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.8	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
108-88-3	Toluene	ND		ug/m ³	6.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
79-01-6	Trichloroethylene	12	TO-LCS -L	ug/m ³	2.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-69-4	Trichlorofluoromethane (Freon 11)	21		ug/m ³	9.3	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	5.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.
24G1377

Client Project ID
24-0012 32-20 38th Ave 38-18 33rd St

Matrix
Soil Vapor

Collection Date/Time
July 19, 2024 12:00 am

Date Received
07/19/2024

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	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	12	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		ug/m ³	14	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.3	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	4.2	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
78-93-3	2-Butanone	13		ug/m ³	5.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

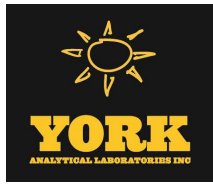
Volatile Organics, EPA TO15 Full List

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	15	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
107-05-1	3-Chloropropene	ND		ug/m ³	28	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-10-1	4-Methyl-2-pentanone	7.4		ug/m ³	7.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
67-64-1	Acetone	63	B	ug/m ³	21	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
107-13-1	Acrylonitrile	5.9		ug/m ³	3.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
71-43-2	Benzene	8.1		ug/m ³	5.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
100-44-7	Benzyl chloride	ND		ug/m ³	9.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-25-2	Bromoform	ND		ug/m ³	19	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
74-83-9	Bromomethane	ND		ug/m ³	7.0	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-15-0	Carbon disulfide	44		ug/m ³	5.6	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
56-23-5	Carbon tetrachloride	3.4		ug/m ³	2.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-90-7	Chlorobenzene	ND		ug/m ³	8.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-00-3	Chloroethane	ND		ug/m ³	4.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
67-66-3	Chloroform	ND		ug/m ³	8.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
74-87-3	Chloromethane	ND		ug/m ³	3.7	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.2	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
110-82-7	Cyclohexane	ND		ug/m ³	6.2	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	15	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	13	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

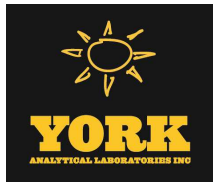
Log-in Notes:

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	7.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	19	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
67-63-0	Isopropanol	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.5	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-09-2	Methylene chloride	ND		ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
91-20-3	* Naphthalene	ND	ICVE	ug/m ³	19	18.01	EPA TO-15 Certifications: NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
142-82-5	n-Heptane	ND		ug/m ³	7.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
110-54-3	n-Hexane	ND		ug/m ³	6.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
95-47-6	o-Xylene	ND		ug/m ³	7.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
115-07-1	* Propylene	62		ug/m ³	3.1	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
100-42-5	Styrene	ND		ug/m ³	7.7	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
127-18-4	Tetrachloroethylene	66		ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
108-88-3	Toluene	20		ug/m ³	6.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.1	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.2	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
79-01-6	Trichloroethylene	1700	TO-LCS -L	ug/m ³	2.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-69-4	Trichlorofluoromethane (Freon 11)	2700		ug/m ³	10	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	6.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT





Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	7.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT



Analytical Batch Summary

Batch ID: BG41574 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G1377-01	SV-1	07/19/24
24G1377-04	SV-4	07/19/24
24G1377-05	SV-5	07/19/24
BG41574-BLK1	Blank	07/23/24
BG41574-BS1	LCS	07/23/24
BG41574-DUP1	Duplicate	07/23/24

Batch ID: BG41668 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G1377-02	SV-2	07/24/24
24G1377-03	SV-3	07/24/24
BG41668-BLK1	Blank	07/24/24
BG41668-BS1	LCS	07/24/24
BG41668-DUP1	Duplicate	07/24/24

Batch ID: BG41758 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G1377-01RE1	SV-1	07/19/24
BG41758-BLK1	Blank	07/26/24
BG41758-BS1	LCS	07/26/24



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 BG41574 - EPA TO15 PREP

Blank (BG41574-BLK1)

Prepared & Analyzed: 07/23/2024

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	1.1	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 BG41574 - EPA TO15 PREP

Blank (BG41574-BLK1)

Prepared & Analyzed: 07/23/2024

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	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 (BG41574-BS1)

Prepared & Analyzed: 07/23/2024

1,1,1,2-Tetrachloroethane	7.82		ppbv	10.0		78.2	70-130				
1,1,1-Trichloroethane	9.13		"	10.0		91.3	70-130				
1,1,2,2-Tetrachloroethane	7.71		"	10.0		77.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	70-130				
1,1,2-Trichloroethane	7.63		"	10.0		76.3	70-130				
1,1-Dichloroethane	8.43		"	10.0		84.3	70-130				
1,1-Dichloroethylene	8.41		"	10.0		84.1	70-130				
1,2,4-Trichlorobenzene	7.06		"	10.0		70.6	70-130				
1,2,4-Trimethylbenzene	8.77		"	10.0		87.7	70-130				
1,2-Dibromoethane	7.70		"	10.0		77.0	70-130				
1,2-Dichlorobenzene	8.08		"	10.0		80.8	70-130				
1,2-Dichloroethane	8.71		"	10.0		87.1	70-130				
1,2-Dichloropropane	7.24		"	10.0		72.4	70-130				
1,2-Dichlorotetrafluoroethane	7.75		"	10.0		77.5	70-130				
1,3,5-Trimethylbenzene	8.39		"	10.0		83.9	70-130				
1,3-Butadiene	6.79		"	10.0		67.9	70-130	Low Bias			
1,3-Dichlorobenzene	8.18		"	10.0		81.8	70-130				
1,3-Dichloropropane	7.23		"	10.0		72.3	70-130				
1,4-Dichlorobenzene	8.04		"	10.0		80.4	70-130				
1,4-Dioxane	7.88		"	10.0		78.8	70-130				
2,2,4-Trimethylpentane	8.75		"	10.0		87.5	70-130				
2-Butanone	8.29		"	10.0		82.9	70-130				
2-Hexanone	7.92		"	10.0		79.2	70-130				
3-Chloropropene	8.24		"	10.0		82.4	70-130				
4-Methyl-2-pentanone	7.21		"	10.0		72.1	70-130				
Acetone	9.96		"	10.0		99.6	70-130				
Acrylonitrile	10.0		"	10.0		100	70-130				
Benzene	8.38		"	10.0		83.8	70-130				
Benzyl chloride	7.81		"	10.0		78.1	70-130				
Bromodichloromethane	7.58		"	10.0		75.8	70-130				
Bromoform	9.11		"	10.0		91.1	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 BG41574 - EPA TO15 PREP

LCS (BG41574-BS1)

Prepared & Analyzed: 07/23/2024

Bromomethane	9.67		ppbv	10.0		96.7	70-130				
Carbon disulfide	8.48		"	10.0		84.8	70-130				
Carbon tetrachloride	8.90		"	10.0		89.0	70-130				
Chlorobenzene	7.63		"	10.0		76.3	70-130				
Chloroethane	9.12		"	10.0		91.2	70-130				
Chloroform	8.88		"	10.0		88.8	70-130				
Chloromethane	7.32		"	10.0		73.2	70-130				
cis-1,2-Dichloroethylene	9.11		"	10.0		91.1	70-130				
cis-1,3-Dichloropropylene	7.46		"	10.0		74.6	70-130				
Cyclohexane	8.59		"	10.0		85.9	70-130				
Dibromochloromethane	8.11		"	10.0		81.1	70-130				
Dichlorodifluoromethane	9.65		"	10.0		96.5	70-130				
Ethyl acetate	9.42		"	10.0		94.2	70-130				
Ethyl Benzene	7.74		"	10.0		77.4	70-130				
Hexachlorobutadiene	7.32		"	10.0		73.2	70-130				
Isopropanol	8.41		"	10.0		84.1	70-130				
Methyl Methacrylate	7.54		"	10.0		75.4	70-130				
Methyl tert-butyl ether (MTBE)	8.98		"	10.0		89.8	70-130				
Methylene chloride	8.06		"	10.0		80.6	70-130				
Naphthalene	7.05		"	10.0		70.5	70-130				
n-Heptane	8.66		"	10.0		86.6	70-130				
n-Hexane	8.59		"	10.0		85.9	70-130				
o-Xylene	8.01		"	10.0		80.1	70-130				
p- & m- Xylenes	16.4		"	20.0		82.0	70-130				
p-Ethyltoluene	9.12		"	10.0		91.2	70-130				
Propylene	8.56		"	10.0		85.6	70-130				
Styrene	8.70		"	10.0		87.0	70-130				
Tetrachloroethylene	8.29		"	10.0		82.9	70-130				
Tetrahydrofuran	8.30		"	10.0		83.0	70-130				
Toluene	7.20		"	10.0		72.0	70-130				
trans-1,2-Dichloroethylene	8.64		"	10.0		86.4	70-130				
trans-1,3-Dichloropropylene	7.62		"	10.0		76.2	70-130				
Trichloroethylene	6.84		"	10.0		68.4	70-130			Low Bias	
Trichlorofluoromethane (Freon 11)	9.50		"	10.0		95.0	70-130				
Vinyl acetate	5.44		"	10.0		54.4	70-130			Low Bias	
Vinyl bromide	9.87		"	10.0		98.7	70-130				
Vinyl Chloride	7.91		"	10.0		79.1	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 BG41574 - EPA TO15 PREP

Duplicate (BG41574-DUP1)

*Source sample: 24G1322-07 (Duplicate)

Prepared: 07/23/2024 Analyzed: 07/24/2024

1,1,1,2-Tetrachloroethane	ND	0.63	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.50	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.63	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.70	"		ND					25	
1,1,2-Trichloroethane	ND	0.50	"		ND					25	
1,1-Dichloroethane	ND	0.37	"		ND					25	
1,1-Dichloroethylene	ND	0.090	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.68	"		ND					25	
1,2,4-Trimethylbenzene	2.1	0.45	"		2.2				4.17	25	
1,2-Dibromoethane	ND	0.70	"		ND					25	
1,2-Dichlorobenzene	ND	0.55	"		ND					25	
1,2-Dichloroethane	ND	0.37	"		ND					25	
1,2-Dichloropropane	ND	0.42	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.64	"		ND					25	
1,3,5-Trimethylbenzene	0.67	0.45	"		0.67				0.00	25	
1,3-Butadiene	ND	0.60	"		ND					25	
1,3-Dichlorobenzene	ND	0.55	"		ND					25	
1,3-Dichloropropane	ND	0.42	"		ND					25	
1,4-Dichlorobenzene	ND	0.55	"		ND					25	
1,4-Dioxane	ND	0.66	"		ND					25	
2,2,4-Trimethylpentane	0.72	0.21	"		0.72				0.00	25	
2-Butanone	14	0.27	"		14				0.781	25	
2-Hexanone	0.93	0.75	"		0.93				0.00	25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	0.60	0.37	"		0.52				13.3	25	
Acetone	ND	0.43	"		230					25	
Acrylonitrile	ND	0.20	"		0.24					25	
Benzene	0.73	0.29	"		0.73				0.00	25	
Benzyl chloride	ND	0.47	"		ND					25	
Bromodichloromethane	ND	0.61	"		ND					25	
Bromoform	ND	0.94	"		ND					25	
Bromomethane	ND	0.35	"		ND					25	
Carbon disulfide	ND	0.28	"		ND					25	
Carbon tetrachloride	0.40	0.14	"		0.40				0.00	25	
Chlorobenzene	ND	0.42	"		ND					25	
Chloroethane	ND	0.24	"		ND					25	
Chloroform	ND	0.44	"		ND					25	
Chloromethane	1.5	0.19	"		1.5				1.23	25	
cis-1,2-Dichloroethylene	ND	0.090	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.41	"		ND					25	
Cyclohexane	0.88	0.31	"		0.85				3.64	25	
Dibromochloromethane	ND	0.78	"		ND					25	
Dichlorodifluoromethane	2.5	0.45	"		2.4				1.83	25	
Ethyl acetate	5.0	0.66	"		4.8				2.68	25	
Ethyl Benzene	3.1	0.40	"		3.2				1.26	25	
Hexachlorobutadiene	ND	0.97	"		ND					25	
Isopropanol	880	0.45	"		920				3.89	25	
Methyl Methacrylate	0.63	0.37	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.33	"		ND					25	
Methylene chloride	0.79	0.63	"		0.79				0.00	25	
Naphthalene	2.3	0.96	"		2.2				4.26	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 BG41574 - EPA TO15 PREP

Duplicate (BG41574-DUP1)	*Source sample: 24G1322-07 (Duplicate)						Prepared: 07/23/2024 Analyzed: 07/24/2024				
n-Heptane	8.7	0.37	ug/m ³		8.7				0.428	25	
n-Hexane	6.6	0.32	"		6.5				1.47	25	
o-Xylene	3.4	0.40	"		3.4				0.00	25	
p- & m- Xylenes	12	0.79	"		12				0.676	25	
p-Ethyltoluene	2.6	0.45	"		2.7				1.68	25	
Propylene	ND	0.16	"		3.7					25	
Styrene	1.2	0.39	"		1.2				0.00	25	
Tetrachloroethylene	2.2	0.62	"		2.2				0.00	25	
Tetrahydrofuran	2.7	0.54	"		2.7				0.995	25	
Toluene	25	0.34	"		25				2.21	25	
trans-1,2-Dichloroethylene	ND	0.36	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.41	"		ND					25	
Trichloroethylene	0.15	0.12	"		0.20				28.6	25	Non-dir.
Trichlorofluoromethane (Freon 11)	1.5	0.51	"		1.5				3.39	25	
Vinyl acetate	ND	0.32	"		ND					25	
Vinyl bromide	ND	0.40	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	

Batch BG41668 - EPA TO15 PREP

Blank (BG41668-BLK1)	Prepared & Analyzed: 07/24/2024										
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	"								
2,2,4-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	1.2	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								



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 BG41668 - EPA TO15 PREP

Blank (BG41668-BLK1)

Prepared & Analyzed: 07/24/2024

Bromoform	ND	1.0	ug/m ³								
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	0.96	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	"								
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	"								



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 BG41668 - EPA TO15 PREP

LCS (BG41668-BS1)

Prepared & Analyzed: 07/24/2024

1,1,1,2-Tetrachloroethane	8.08		ppbv	10.0		80.8	70-130				
1,1,1-Trichloroethane	9.50		"	10.0		95.0	70-130				
1,1,2,2-Tetrachloroethane	7.68		"	10.0		76.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26		"	10.0		92.6	70-130				
1,1,2-Trichloroethane	7.81		"	10.0		78.1	70-130				
1,1-Dichloroethane	8.50		"	10.0		85.0	70-130				
1,1-Dichloroethylene	8.26		"	10.0		82.6	70-130				
1,2,4-Trichlorobenzene	6.65		"	10.0		66.5	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	70-130				
1,2-Dibromoethane	7.80		"	10.0		78.0	70-130				
1,2-Dichlorobenzene	8.02		"	10.0		80.2	70-130				
1,2-Dichloroethane	9.01		"	10.0		90.1	70-130				
1,2-Dichloropropane	7.34		"	10.0		73.4	70-130				
1,2-Dichlorotetrafluoroethane	8.03		"	10.0		80.3	70-130				
1,3,5-Trimethylbenzene	8.34		"	10.0		83.4	70-130				
1,3-Butadiene	6.53		"	10.0		65.3	70-130	Low Bias			
1,3-Dichlorobenzene	8.15		"	10.0		81.5	70-130				
1,3-Dichloropropane	7.38		"	10.0		73.8	70-130				
1,4-Dichlorobenzene	8.01		"	10.0		80.1	70-130				
1,4-Dioxane	7.93		"	10.0		79.3	70-130				
2,2,4-Trimethylpentane	8.95		"	10.0		89.5	70-130				
2-Butanone	8.32		"	10.0		83.2	70-130				
2-Hexanone	7.97		"	10.0		79.7	70-130				
3-Chloropropene	8.54		"	10.0		85.4	70-130				
4-Methyl-2-pentanone	7.21		"	10.0		72.1	70-130				
Acetone	5.86		"	10.0		58.6	70-130	Low Bias			
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	8.60		"	10.0		86.0	70-130				
Benzyl chloride	7.79		"	10.0		77.9	70-130				
Bromodichloromethane	7.81		"	10.0		78.1	70-130				
Bromoform	9.25		"	10.0		92.5	70-130				
Bromomethane	9.53		"	10.0		95.3	70-130				
Carbon disulfide	8.68		"	10.0		86.8	70-130				
Carbon tetrachloride	9.43		"	10.0		94.3	70-130				
Chlorobenzene	7.81		"	10.0		78.1	70-130				
Chloroethane	9.07		"	10.0		90.7	70-130				
Chloroform	9.18		"	10.0		91.8	70-130				
Chloromethane	7.05		"	10.0		70.5	70-130				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	7.72		"	10.0		77.2	70-130				
Cyclohexane	8.77		"	10.0		87.7	70-130				
Dibromochloromethane	8.33		"	10.0		83.3	70-130				
Dichlorodifluoromethane	9.42		"	10.0		94.2	70-130				
Ethyl acetate	9.47		"	10.0		94.7	70-130				
Ethyl Benzene	7.88		"	10.0		78.8	70-130				
Hexachlorobutadiene	7.05		"	10.0		70.5	70-130				
Isopropanol	8.33		"	10.0		83.3	70-130				
Methyl Methacrylate	7.70		"	10.0		77.0	70-130				
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	70-130				
Methylene chloride	8.18		"	10.0		81.8	70-130				
Naphthalene	6.53		"	10.0		65.3	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 BG41668 - EPA TO15 PREP

LCS (BG41668-BS1)

Prepared & Analyzed: 07/24/2024

n-Heptane	8.83		ppbv	10.0		88.3	70-130				
n-Hexane	8.85		"	10.0		88.5	70-130				
o-Xylene	8.12		"	10.0		81.2	70-130				
p- & m- Xylenes	16.4		"	20.0		82.0	70-130				
p-Ethyltoluene	9.07		"	10.0		90.7	70-130				
Propylene	8.37		"	10.0		83.7	70-130				
Styrene	8.88		"	10.0		88.8	70-130				
Tetrachloroethylene	8.64		"	10.0		86.4	70-130				
Tetrahydrofuran	8.45		"	10.0		84.5	70-130				
Toluene	7.27		"	10.0		72.7	70-130				
trans-1,2-Dichloroethylene	8.84		"	10.0		88.4	70-130				
trans-1,3-Dichloropropylene	7.82		"	10.0		78.2	70-130				
Trichloroethylene	6.94		"	10.0		69.4	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	9.49		"	10.0		94.9	70-130				
Vinyl acetate	6.00		"	10.0		60.0	70-130	Low Bias			
Vinyl bromide	9.78		"	10.0		97.8	70-130				
Vinyl Chloride	7.63		"	10.0		76.3	70-130				

Duplicate (BG41668-DUP1)

*Source sample: 24G1377-02 (SV-2)

Prepared & Analyzed: 07/24/2024

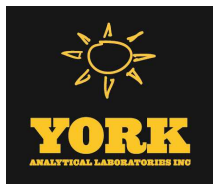
1,1,1,2-Tetrachloroethane	ND	1.2	ug/m ³		ND						25
1,1,1-Trichloroethane	ND	0.95	"		1.0						25
1,1,2,2-Tetrachloroethane	ND	1.2	"		1.6						25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		2.0						25
1,1,2-Trichloroethane	ND	0.95	"		ND						25
1,1-Dichloroethane	ND	0.71	"		0.78						25
1,1-Dichloroethylene	ND	0.17	"		0.69						25
1,2,4-Trichlorobenzene	1.9	1.3	"		2.7			33.3		25	Non-dir.
1,2,4-Trimethylbenzene	4.2	0.86	"		5.0			16.8		25	
1,2-Dibromoethane	ND	1.3	"		ND						25
1,2-Dichlorobenzene	1.7	1.0	"		2.6			43.9		25	Non-dir.
1,2-Dichloroethane	ND	0.71	"		0.78						25
1,2-Dichloropropane	ND	0.81	"		ND						25
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND						25
1,3,5-Trimethylbenzene	2.5	0.86	"		3.3			26.9		25	Non-dir.
1,3-Butadiene	ND	1.2	"		ND						25
1,3-Dichlorobenzene	1.2	1.0	"		2.0			53.3		25	Non-dir.
1,3-Dichloropropane	ND	0.81	"		ND						25
1,4-Dichlorobenzene	1.3	1.0	"		2.1			50.0		25	Non-dir.
1,4-Dioxane	3.1	1.3	"		3.4			9.71		25	
2,2,4-Trimethylpentane	0.24	0.41	"		0.90			114		25	Non-dir.
2-Butanone	1.8	0.51	"		2.4			27.2		25	Non-dir.
2-Hexanone	2.6	1.4	"		3.1			17.3		25	
3-Chloropropene	ND	2.7	"		ND						25
4-Methyl-2-pentanone	3.1	0.71	"		3.6			15.1		25	
Acetone	13	0.83	"		15			9.78		25	
Acrylonitrile	ND	0.38	"		0.61						25
Benzene	ND	0.56	"		1.2						25
Benzyl chloride	ND	0.90	"		1.7						25
Bromodichloromethane	ND	1.2	"		ND						25
Bromoform	ND	1.8	"		ND						25
Bromomethane	ND	0.68	"		1.0						25



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41668 - EPA TO15 PREP											
Duplicate (BG41668-DUP1)		*Source sample: 24G1377-02 (SV-2)				Prepared & Analyzed: 07/24/2024					
Carbon disulfide	0.87	0.54	ug/m ³		1.5				51.2	25	Non-dir.
Carbon tetrachloride	0.33	0.27	"		1.3				120	25	Non-dir.
Chlorobenzene	ND	0.80	"		0.88					25	
Chloroethane	ND	0.46	"		0.55					25	
Chloroform	ND	0.85	"		1.5					25	
Chloromethane	ND	0.36	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.17	"		0.69					25	
cis-1,3-Dichloropropylene	ND	0.79	"		ND					25	
Cyclohexane	ND	0.60	"		0.66					25	
Dibromochloromethane	ND	1.5	"		ND					25	
Dichlorodifluoromethane	2.7	0.86	"		2.7				0.00	25	
Ethyl acetate	ND	1.3	"		ND					25	
Ethyl Benzene	1.2	0.76	"		1.8				40.0	25	Non-dir.
Hexachlorobutadiene	4.1	1.9	"		5.6				30.8	25	Non-dir.
Isopropanol	3.5	0.86	"		4.5				24.6	25	
Methyl Methacrylate	ND	0.71	"		1.1					25	
Methyl tert-butyl ether (MTBE)	ND	0.63	"		0.69					25	
Methylene chloride	ND	1.2	"		1.3					25	
Naphthalene	2.8	1.8	"		3.6				22.9	25	
n-Heptane	ND	0.72	"		0.79					25	
n-Hexane	ND	0.62	"		0.80					25	
o-Xylene	2.0	0.76	"		2.8				31.2	25	Non-dir.
p- & m- Xylenes	5.0	1.5	"		6.1				20.4	25	
p-Ethyltoluene	3.3	0.86	"		4.2				22.7	25	
Propylene	ND	0.30	"		ND					25	
Styrene	0.97	0.74	"		1.5				42.4	25	Non-dir.
Tetrachloroethylene	2.2	1.2	"		3.4				41.7	25	Non-dir.
Tetrahydrofuran	ND	1.0	"		1.2					25	
Toluene	1.4	0.66	"		2.0				34.0	25	Non-dir.
trans-1,2-Dichloroethylene	ND	0.69	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.79	"		ND					25	
Trichloroethylene	ND	0.23	"		2.8					25	
Trichlorofluoromethane (Freon 11)	2.9	0.98	"		7.1				82.4	25	Non-dir.
Vinyl acetate	ND	0.61	"		ND					25	
Vinyl bromide	ND	0.76	"		0.84					25	
Vinyl Chloride	ND	0.22	"		0.40					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 BG41758 - EPA TO15 PREP

Blank (BG41758-BLK1)

Prepared & Analyzed: 07/26/2024

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	0.71	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	0.21	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 BG41758 - EPA TO15 PREP

Blank (BG41758-BLK1)

Prepared & Analyzed: 07/26/2024

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 (BG41758-BS1)

Prepared & Analyzed: 07/26/2024

1,1,1,2-Tetrachloroethane	7.57		ppbv	10.0		75.7	70-130				
1,1,1-Trichloroethane	9.01		"	10.0		90.1	70-130				
1,1,2,2-Tetrachloroethane	7.31		"	10.0		73.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.77		"	10.0		87.7	70-130				
1,1,2-Trichloroethane	7.12		"	10.0		71.2	70-130				
1,1-Dichloroethane	8.17		"	10.0		81.7	70-130				
1,1-Dichloroethylene	7.97		"	10.0		79.7	70-130				
1,2,4-Trichlorobenzene	6.43		"	10.0		64.3	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.23		"	10.0		82.3	70-130				
1,2-Dibromoethane	7.25		"	10.0		72.5	70-130				
1,2-Dichlorobenzene	7.60		"	10.0		76.0	70-130				
1,2-Dichloroethane	8.61		"	10.0		86.1	70-130				
1,2-Dichloropropane	6.74		"	10.0		67.4	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	8.71		"	10.0		87.1	70-130				
1,3,5-Trimethylbenzene	7.89		"	10.0		78.9	70-130				
1,3-Butadiene	7.19		"	10.0		71.9	70-130				
1,3-Dichlorobenzene	7.73		"	10.0		77.3	70-130				
1,3-Dichloropropane	6.84		"	10.0		68.4	70-130	Low Bias			
1,4-Dichlorobenzene	7.54		"	10.0		75.4	70-130				
1,4-Dioxane	7.59		"	10.0		75.9	70-130				
2,2,4-Trimethylpentane	8.62		"	10.0		86.2	70-130				
2-Butanone	7.96		"	10.0		79.6	70-130				
2-Hexanone	7.35		"	10.0		73.5	70-130				
3-Chloropropene	8.18		"	10.0		81.8	70-130				
4-Methyl-2-pentanone	6.79		"	10.0		67.9	70-130	Low Bias			
Acetone	9.55		"	10.0		95.5	70-130				
Acrylonitrile	9.93		"	10.0		99.3	70-130				
Benzene	8.35		"	10.0		83.5	70-130				
Benzyl chloride	7.29		"	10.0		72.9	70-130				
Bromodichloromethane	7.18		"	10.0		71.8	70-130				
Bromoform	8.69		"	10.0		86.9	70-130				
Bromomethane	8.89		"	10.0		88.9	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 BG41758 - EPA TO15 PREP

LCS (BG41758-BS1)

Prepared & Analyzed: 07/26/2024

Carbon disulfide	8.27		ppbv	10.0		82.7	70-130				
Carbon tetrachloride	8.91		"	10.0		89.1	70-130				
Chlorobenzene	7.32		"	10.0		73.2	70-130				
Chloroethane	8.47		"	10.0		84.7	70-130				
Chloroform	8.75		"	10.0		87.5	70-130				
Chloromethane	8.17		"	10.0		81.7	70-130				
cis-1,2-Dichloroethylene	8.79		"	10.0		87.9	70-130				
cis-1,3-Dichloropropylene	7.25		"	10.0		72.5	70-130				
Cyclohexane	8.56		"	10.0		85.6	70-130				
Dibromochloromethane	7.67		"	10.0		76.7	70-130				
Dichlorodifluoromethane	8.62		"	10.0		86.2	70-130				
Ethyl acetate	9.04		"	10.0		90.4	70-130				
Ethyl Benzene	7.53		"	10.0		75.3	70-130				
Hexachlorobutadiene	6.50		"	10.0		65.0	70-130	Low Bias			
Isopropanol	8.63		"	10.0		86.3	70-130				
Methyl Methacrylate	7.10		"	10.0		71.0	70-130				
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	70-130				
Methylene chloride	7.72		"	10.0		77.2	70-130				
Naphthalene	6.31		"	10.0		63.1	70-130	Low Bias			
n-Heptane	8.53		"	10.0		85.3	70-130				
n-Hexane	8.67		"	10.0		86.7	70-130				
o-Xylene	7.61		"	10.0		76.1	70-130				
p- & m- Xylenes	15.4		"	20.0		76.9	70-130				
p-Ethyltoluene	8.47		"	10.0		84.7	70-130				
Propylene	7.63		"	10.0		76.3	70-130				
Styrene	8.26		"	10.0		82.6	70-130				
Tetrachloroethylene	7.89		"	10.0		78.9	70-130				
Tetrahydrofuran	8.06		"	10.0		80.6	70-130				
Toluene	6.83		"	10.0		68.3	70-130	Low Bias			
trans-1,2-Dichloroethylene	8.33		"	10.0		83.3	70-130				
trans-1,3-Dichloropropylene	7.26		"	10.0		72.6	70-130				
Trichloroethylene	6.47		"	10.0		64.7	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	8.86		"	10.0		88.6	70-130				
Vinyl acetate	5.89		"	10.0		58.9	70-130	Low Bias			
Vinyl bromide	9.25		"	10.0		92.5	70-130				
Vinyl Chloride	8.34		"	10.0		83.4	70-130				





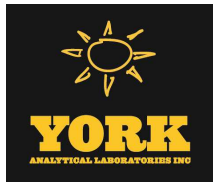
Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

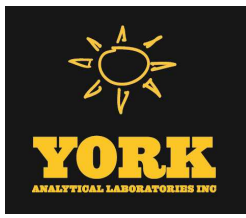
Certification for pH is no longer offered by NYDOH ELAP.

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.

APPENDIX D

LABORATORY ANALYTICAL REPORTS FOR GROUNDWATER SAMPLES



Technical Report

prepared for:

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

Report Date: 07/25/2024
Client Project ID: 32-20 38th Ave & 38-18 33rd St
York Project (SDG) No.: 24G1297

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/25/2024
Client Project ID: 32-20 38th Ave & 38-18 33rd St
York Project (SDG) No.: 24G1297

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 18, 2024 and listed below. The project was identified as your project: **32-20 38th Ave & 38-18 33rd St**.

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>
24G1297-01	GW-1	Ground Water	07/18/2024	07/18/2024
24G1297-02	GW-2	Ground Water	07/18/2024	07/18/2024

General Notes for York Project (SDG) No.: 24G1297

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: 07/25/2024





Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.
24G1297

Client Project ID
32-20 38th Ave & 38-18 33rd St

Matrix
Ground Water

Collection Date/Time
July 18, 2024 11:30 am

Date Received
07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
67-66-3	Chloroform	2.65		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/19/2024 08:00	07/19/2024 18:22	scb
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/19/2024 08:00	07/19/2024 18:22	scb
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/19/2024 08:00	07/19/2024 18:22	scb
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/19/2024 08:00	07/19/2024 18:22	scb
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:22	scb
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
127-18-4	Tetrachloroethylene	8.37	QL-02, CCVE, ICVE	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
79-01-6	Trichloroethylene	7.80		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-69-4	Trichlorofluoromethane	0.470	J	ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:22	scb
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.5 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.1 %			79-122						

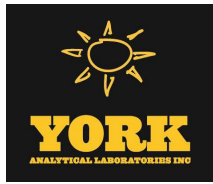
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

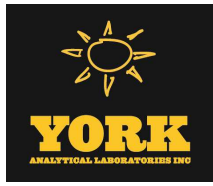
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

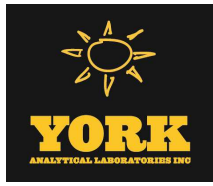
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:21	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:21	SS



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Phenol, Pyrene, Pyridine, and Surrogate Recoveries.

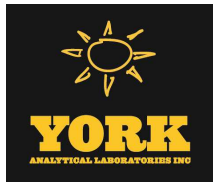
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various metals like Aluminum, Barium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium.



Sample Information

Client Sample ID: GW-1

York Sample ID: 24G1297-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 11:30 am

07/18/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:13	AGNR
7440-23-5	Sodium	159	M-CCV 1, M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:13	AGNR
7440-62-2	Vanadium	0.0219		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:13	AGNR
7440-66-6	Zinc	0.0650		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:13	AGNR

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 11:57	cw
7440-38-2	Arsenic	1.44		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 11:57	cw
7440-41-7	Beryllium	0.573	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 11:57	cw
7440-43-9	Cadmium	0.680		ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 11:57	cw
7782-49-2	Selenium	1.81		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 11:57	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 11:57	cw

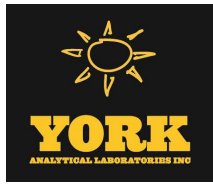
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0002		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 15:39	07/24/2024 15:39	PFA



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

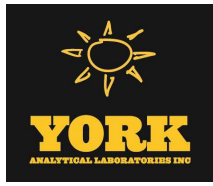
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/19/2024 08:00	07/19/2024 18:50	scb
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	07/19/2024 08:00	07/19/2024 18:50	scb
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/19/2024 08:00	07/19/2024 18:50	scb
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/19/2024 08:00	07/19/2024 18:50	scb
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/19/2024 08:00	07/19/2024 18:50	scb
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

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32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/19/2024 08:00	07/19/2024 18:50	scb
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.9 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS



Sample Information

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York Sample ID: 24G1297-02

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24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

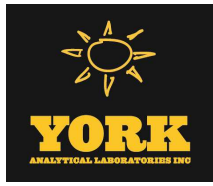
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/19/2024 08:22	07/22/2024 02:57	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
91-20-3	Naphthalene	0.680		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/19/2024 08:22	07/22/2024 02:57	SS
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	24.6 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	14.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.0 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	45.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	63.9 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	54.6 %			30.7-106						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	19.8		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-39-3	Barium	0.838		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-70-2	Calcium	147		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-47-3	Chromium	0.0893		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-48-4	Cobalt	0.0914		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-50-8	Copper	0.106		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7439-89-6	Iron	8.74		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7439-92-1	Lead	0.0957		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7439-95-4	Magnesium	24.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7439-96-5	Manganese	5.72		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-02-0	Nickel	0.0649		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-09-7	Potassium	7.49		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR



Sample Information

Client Sample ID: GW-2

York Sample ID: 24G1297-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1297

32-20 38th Ave & 38-18 33rd St

Ground Water

July 18, 2024 9:25 am

07/18/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-23-5	Sodium	789	M-BS, M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-62-2	Vanadium	0.0277		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR
7440-66-6	Zinc	0.202		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 08:34	07/24/2024 16:14	AGNR

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 12:00	cw
7440-38-2	Arsenic	1.84		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 12:00	cw
7440-41-7	Beryllium	1.04	M-CCV 1	ug/L	0.333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 12:00	cw
7440-43-9	Cadmium	2.22		ug/L	0.556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 12:00	cw
7782-49-2	Selenium	2.67		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 12:00	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/23/2024 08:37	07/25/2024 12:00	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0008		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/24/2024 15:39	07/24/2024 15:39	PFA



Analytical Batch Summary

Batch ID: BG41262 **Preparation Method:** EPA 3510C **Prepared By:** AFD

YORK Sample ID	Client Sample ID	Preparation Date
24G1297-01	GW-1	07/19/24
24G1297-02	GW-2	07/19/24
BG41262-BLK1	Blank	07/19/24
BG41262-BS1	LCS	07/19/24
BG41262-BSD1	LCS Dup	07/19/24

Batch ID: BG41281 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24G1297-01	GW-1	07/19/24
24G1297-02	GW-2	07/19/24
BG41281-BLK1	Blank	07/19/24
BG41281-BS1	LCS	07/19/24
BG41281-BSD1	LCS Dup	07/19/24

Batch ID: BG41470 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24G1297-01	GW-1	07/23/24
24G1297-02	GW-2	07/23/24
BG41470-BLK1	Blank	07/23/24
BG41470-BS1	LCS	07/23/24

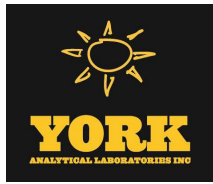
Batch ID: BG41538 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24G1297-01	GW-1	07/24/24
24G1297-02	GW-2	07/24/24
BG41538-BLK1	Blank	07/24/24
BG41538-BS1	LCS	07/24/24
BG41538-DUP1	Duplicate	07/24/24
BG41538-MS1	Matrix Spike	07/24/24
BG41538-PS1	Post Spike	07/24/24

Batch ID: BG41585 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24G1297-01	GW-1	07/24/24
24G1297-02	GW-2	07/24/24
BG41585-BLK1	Blank	07/24/24
BG41585-BLK2	Blank	07/24/24
BG41585-BS1	LCS	07/24/24
BG41585-BS2	LCS	07/24/24





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 BG41281 - EPA 5030B

Blank (BG41281-BLK1)

Prepared & Analyzed: 07/19/2024

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								



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 BG41281 - EPA 5030B

Blank (BG41281-BLK1)

Prepared & Analyzed: 07/19/2024

Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								

Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.72		"	10.0		97.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.75		"	10.0		97.5	79-122				

LCS (BG41281-BS1)

Prepared & Analyzed: 07/19/2024

1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	11.8		"	10.0		118	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-136				
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	45-147				
1,2-Dibromoethane	11.3		"	10.0		113	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	11.9		"	10.0		119	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.9		"	10.0		109	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
1,4-Dioxane	235		"	210		112	10-349				
2-Butanone	10.9		"	10.0		109	49-152				
2-Hexanone	11.5		"	10.0		115	51-146				
4-Methyl-2-pentanone	11.6		"	10.0		116	57-145				
Acetone	8.12		"	10.0		81.2	14-150				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

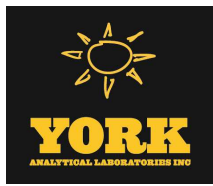
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41281 - EPA 5030B

LCS (BG41281-BS1)

Prepared & Analyzed: 07/19/2024

Acrolein	13.6		ug/L	10.0		136	10-153				
Acrylonitrile	11.5		"	10.0		115	51-150				
Benzene	11.9		"	10.0		119	85-126				
Bromochloromethane	11.6		"	10.0		116	77-128				
Bromodichloromethane	11.2		"	10.0		112	79-128				
Bromoform	10.5		"	10.0		105	78-133				
Bromomethane	10.6		"	10.0		106	43-168				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	12.0		"	10.0		120	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroethane	12.5		"	10.0		125	65-136				
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	14.1		"	10.0		141	43-155				
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	80-131				
Cyclohexane	10.8		"	10.0		108	63-149				
Dibromochloromethane	11.6		"	10.0		116	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	17.5		"	10.0		175	44-144	High Bias			
Ethyl Benzene	11.4		"	10.0		114	80-131				
Hexachlorobutadiene	11.5		"	10.0		115	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl acetate	10.3		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135				
Methylcyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	10.9		"	10.0		109	55-137				
Naphthalene	11.4		"	10.0		114	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	23.0		"	20.0		115	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	10.9		"	10.0		109	88-129				
p-Isopropyltoluene	11.1		"	10.0		111	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	11.3		"	10.0		113	67-132				
tert-Butyl alcohol (TBA)	55.4		"	50.0		111	25-162				
tert-Butylbenzene	10.7		"	10.0		107	77-138				
Tetrachloroethylene	5.54		"	10.0		55.4	82-131	Low Bias			
Toluene	11.2		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	12.3		"	10.0		123	67-139				
Vinyl Chloride	13.9		"	10.0		139	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	9.70		"	10.0		97.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.69		"	10.0		96.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41281 - EPA 5030B											
LCS Dup (BG41281-BSD1)											
Prepared & Analyzed: 07/19/2024											
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126		3.51	30	
1,1,1-Trichloroethane	12.1		"	10.0		121	78-136		5.36	30	
1,1,2,2-Tetrachloroethane	11.8		"	10.0		118	76-129		0.169	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		6.21	30	
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123		0.731	30	
1,1-Dichloroethane	11.5		"	10.0		115	82-129		4.16	30	
1,1-Dichloroethylene	11.8		"	10.0		118	68-138		5.58	30	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	76-136		9.46	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		0.733	30	
1,2,4-Trichlorobenzene	12.0		"	10.0		120	76-137		7.06	30	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132		4.91	30	
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	45-147		1.60	30	
1,2-Dibromoethane	11.4		"	10.0		114	83-124		0.796	30	
1,2-Dichlorobenzene	11.2		"	10.0		112	79-123		3.28	30	
1,2-Dichloroethane	12.0		"	10.0		120	73-132		1.59	30	
1,2-Dichloropropane	11.3		"	10.0		113	78-126		2.70	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		5.33	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		3.87	30	
1,3-Dichloropropane	11.2		"	10.0		112	81-125		2.17	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124		3.15	30	
1,4-Dioxane	236		"	210		112	10-349		0.531	30	
2-Butanone	11.0		"	10.0		110	49-152		1.46	30	
2-Hexanone	11.5		"	10.0		115	51-146		0.521	30	
4-Methyl-2-pentanone	11.7		"	10.0		117	57-145		0.688	30	
Acetone	8.13		"	10.0		81.3	14-150		0.123	30	
Acrolein	13.3		"	10.0		133	10-153		2.30	30	
Acrylonitrile	11.7		"	10.0		117	51-150		1.46	30	
Benzene	12.4		"	10.0		124	85-126		4.13	30	
Bromochloromethane	11.8		"	10.0		118	77-128		1.63	30	
Bromodichloromethane	11.4		"	10.0		114	79-128		1.68	30	
Bromoform	10.7		"	10.0		107	78-133		1.79	30	
Bromomethane	11.9		"	10.0		119	43-168		12.2	30	
Carbon disulfide	10.7		"	10.0		107	68-146		4.68	30	
Carbon tetrachloride	12.6		"	10.0		126	77-141		5.20	30	
Chlorobenzene	11.6		"	10.0		116	88-120		4.24	30	
Chloroethane	12.9		"	10.0		129	65-136		3.23	30	
Chloroform	11.9		"	10.0		119	82-128		4.74	30	
Chloromethane	14.4		"	10.0		144	43-155		2.46	30	
cis-1,2-Dichloroethylene	12.0		"	10.0		120	83-129		4.34	30	
cis-1,3-Dichloropropylene	11.4		"	10.0		114	80-131		2.32	30	
Cyclohexane	11.4		"	10.0		114	63-149		5.51	30	
Dibromochloromethane	11.9		"	10.0		119	80-130		2.21	30	
Dibromomethane	11.0		"	10.0		110	72-134		0.363	30	
Dichlorodifluoromethane	18.4		"	10.0		184	44-144	High Bias	5.24	30	
Ethyl Benzene	11.9		"	10.0		119	80-131		4.11	30	
Hexachlorobutadiene	12.1		"	10.0		121	67-146		4.99	30	
Isopropylbenzene	11.5		"	10.0		115	76-140		5.46	30	
Methyl acetate	10.3		"	10.0		103	51-139		0.0973	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		2.06	30	
Methylcyclohexane	10.8		"	10.0		108	72-143		5.20	30	
Methylene chloride	11.3		"	10.0		113	55-137		3.15	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 BG41281 - EPA 5030B

LCS Dup (BG41281-BSD1)

Prepared & Analyzed: 07/19/2024

Naphthalene	12.2		ug/L	10.0		122	70-147		6.62	30	
n-Butylbenzene	11.6		"	10.0		116	79-132		6.24	30	
n-Propylbenzene	11.4		"	10.0		114	78-133		5.52	30	
o-Xylene	11.6		"	10.0		116	78-130		4.12	30	
p- & m- Xylenes	24.1		"	20.0		120	77-133		4.76	30	
p-Diethylbenzene	11.4		"	10.0		114	84-134		5.77	30	
p-Ethyltoluene	11.5		"	10.0		115	88-129		5.46	30	
p-Isopropyltoluene	11.8		"	10.0		118	81-136		6.19	30	
sec-Butylbenzene	11.5		"	10.0		115	79-137		6.26	30	
Styrene	11.8		"	10.0		118	67-132		3.98	30	
tert-Butyl alcohol (TBA)	55.7		"	50.0		111	25-162		0.576	30	
tert-Butylbenzene	11.4		"	10.0		114	77-138		5.98	30	
Tetrachloroethylene	5.81		"	10.0		58.1	82-131	Low Bias	4.76	30	
Toluene	11.7		"	10.0		117	80-127		3.92	30	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	80-132		4.17	30	
trans-1,3-Dichloropropylene	11.5		"	10.0		115	78-131		2.20	30	
Trichloroethylene	10.9		"	10.0		109	82-128		4.70	30	
Trichlorofluoromethane	13.5		"	10.0		135	67-139		9.30	30	
Vinyl Chloride	14.2		"	10.0		142	58-145		1.71	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.62		"	10.0		96.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.57		"	10.0		95.7	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41262 - EPA 3510C

Blank (BG41262-BLK1)

Prepared: 07/19/2024 Analyzed: 07/21/2024

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	1.25	"								
2,4,5-Trichlorophenol	ND	1.25	"								
2,4,6-Trichlorophenol	ND	1.25	"								
2,4-Dichlorophenol	ND	1.25	"								
2,4-Dimethylphenol	ND	1.25	"								
2,4-Dinitrophenol	ND	1.25	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	1.25	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	1.25	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	1.25	"								
3- & 4-Methylphenols	ND	1.25	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	1.25	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	1.25	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	1.25	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	1.25	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



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 BG41262 - EPA 3510C

Blank (BG41262-BLK1)

Prepared: 07/19/2024 Analyzed: 07/21/2024

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	1.25	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								

Surrogate: SURR: 2-Fluorophenol	19.5		"	50.0		39.1	19.7-63.1				
Surrogate: SURR: Phenol-d6	11.5		"	50.0		23.0	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	21.8		"	25.0		87.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.5		"	25.0		74.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	42.9		"	50.0		85.9	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.2		"	25.0		80.9	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41262 - EPA 3510C											
LCS (BG41262-BS1)											
Prepared: 07/19/2024 Analyzed: 07/21/2024											
1,1-Biphenyl	14.4	5.00	ug/L	25.0		57.5	21-102				
1,2,4,5-Tetrachlorobenzene	10.7	5.00	"	25.0		42.9	28-105				
1,2,4-Trichlorobenzene	13.2	5.00	"	25.0		52.7	35-91				
1,2-Dichlorobenzene	12.2	5.00	"	25.0		48.6	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	16.1	5.00	"	25.0		64.4	16-137				
1,3-Dichlorobenzene	12.3	5.00	"	25.0		49.4	45-80				
1,4-Dichlorobenzene	12.4	5.00	"	25.0		49.8	42-82				
2,3,4,6-Tetrachlorophenol	16.6	1.25	"	25.0		66.2	30-130				
2,4,5-Trichlorophenol	16.4	1.25	"	25.0		65.5	36-112				
2,4,6-Trichlorophenol	16.2	1.25	"	25.0		64.9	41-107				
2,4-Dichlorophenol	15.6	1.25	"	25.0		62.2	43-92				
2,4-Dimethylphenol	14.3	1.25	"	25.0		57.2	25-92				
2,4-Dinitrophenol	23.4	1.25	"	25.0		93.6	10-149				
2,4-Dinitrotoluene	19.0	5.00	"	25.0		76.0	41-114				
2,6-Dinitrotoluene	18.2	5.00	"	25.0		72.8	49-106				
2-Chloronaphthalene	14.1	5.00	"	25.0		56.4	40-96				
2-Chlorophenol	13.3	1.25	"	25.0		53.1	35-84				
2-Methylnaphthalene	13.8	5.00	"	25.0		55.0	33-101				
2-Methylphenol	10.8	1.25	"	25.0		43.2	10-90				
2-Nitroaniline	18.5	5.00	"	25.0		73.9	31-122				
2-Nitrophenol	17.3	1.25	"	25.0		69.2	37-97				
3- & 4-Methylphenols	8.71	1.25	"	25.0		34.8	10-101				
3,3-Dichlorobenzidine	12.7	5.00	"	25.0		50.7	25-155				
3-Nitroaniline	14.6	5.00	"	25.0		58.6	29-128				
4,6-Dinitro-2-methylphenol	21.8	1.25	"	25.0		87.4	10-135				
4-Bromophenyl phenyl ether	15.4	5.00	"	25.0		61.6	38-116				
4-Chloro-3-methylphenol	15.6	1.25	"	25.0		62.4	28-101				
4-Chloroaniline	12.5	5.00	"	25.0		49.8	10-154				
4-Chlorophenyl phenyl ether	13.8	5.00	"	25.0		55.2	34-112				
4-Nitroaniline	16.0	5.00	"	25.0		63.9	15-143				
4-Nitrophenol	6.61	1.25	"	25.0		26.4	10-112				
Acenaphthene	14.0	0.0500	"	25.0		56.2	24-114				
Acenaphthylene	13.9	0.0500	"	25.0		55.7	26-112				
Acetophenone	14.5	5.00	"	25.0		58.0	47-92				
Aniline	8.13	5.00	"	25.0		32.5	10-107				
Anthracene	15.8	0.0500	"	25.0		63.1	35-114				
Atrazine	16.6	0.500	"	25.0		66.4	43-101				
Benzaldehyde	13.4	5.00	"	25.0		53.8	17-117				
Benzo(a)anthracene	16.2	0.0500	"	25.0		64.6	38-127				
Benzo(a)pyrene	16.5	0.0500	"	25.0		66.2	30-146				
Benzo(b)fluoranthene	16.3	0.0500	"	25.0		65.3	36-145				
Benzo(g,h,i)perylene	17.3	0.0500	"	25.0		69.3	10-163				
Benzo(k)fluoranthene	16.2	0.0500	"	25.0		65.0	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	9.69	5.00	"	25.0		38.8	18-75				
Benzyl butyl phthalate	16.6	5.00	"	25.0		66.6	28-129				
Bis(2-chloroethoxy)methane	14.5	5.00	"	25.0		58.1	27-112				
Bis(2-chloroethyl)ether	14.0	1.25	"	25.0		56.2	24-114				
Bis(2-chloroisopropyl)ether	14.0	5.00	"	25.0		56.0	21-124				
Bis(2-ethylhexyl)phthalate	17.3	0.500	"	25.0		69.1	10-171				
Caprolactam	2.94	5.00	"	25.0		11.8	10-29				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

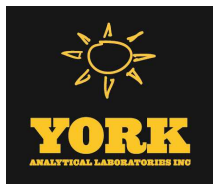
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41262 - EPA 3510C

LCS (BG41262-BS1)

Prepared: 07/19/2024 Analyzed: 07/21/2024

Carbazole	15.9	5.00	ug/L	25.0		63.6	49-116				
Chrysene	15.5	0.0500	"	25.0		61.8	33-120				
Dibenzo(a,h)anthracene	17.2	0.0500	"	25.0		68.9	10-149				
Dibenzofuran	14.6	5.00	"	25.0		58.3	42-105				
Diethyl phthalate	15.6	5.00	"	25.0		62.2	38-112				
Dimethyl phthalate	15.4	5.00	"	25.0		61.5	49-106				
Di-n-butyl phthalate	16.8	5.00	"	25.0		67.4	36-110				
Di-n-octyl phthalate	18.3	5.00	"	25.0		73.4	12-149				
Fluoranthene	16.0	0.0500	"	25.0		63.8	33-126				
Fluorene	14.5	0.0500	"	25.0		58.0	28-117				
Hexachlorobenzene	15.1	0.0200	"	25.0		60.4	27-120				
Hexachlorobutadiene	12.4	0.500	"	25.0		49.8	25-106				
Hexachlorocyclopentadiene	11.4	5.00	"	25.0		45.5	10-99				
Hexachloroethane	12.4	0.500	"	25.0		49.6	33-84				
Indeno(1,2,3-cd)pyrene	17.6	0.0500	"	25.0		70.3	10-150				
Isophorone	15.1	5.00	"	25.0		60.3	29-115				
Naphthalene	14.0	0.0500	"	25.0		56.1	30-99				
Nitrobenzene	15.4	0.250	"	25.0		61.6	32-113				
N-Nitrosodimethylamine	6.35	0.500	"	25.0		25.4	10-63				
N-nitroso-di-n-propylamine	13.3	5.00	"	25.0		53.2	36-118				
N-Nitrosodiphenylamine	17.0	5.00	"	25.0		67.8	27-145				
Pentachlorophenol	20.1	0.250	"	25.0		80.5	19-127				
Phenanthrene	15.3	0.0500	"	25.0		61.2	31-112				
Phenol	5.32	1.25	"	25.0		21.3	10-37				
Pyrene	15.0	0.0500	"	25.0		60.1	42-125				
Pyridine	6.84	5.00	"	35.0		19.5	10-46				
Surrogate: SURR: 2-Fluorophenol	16.6		"	50.0		33.2	19.7-63.1				
Surrogate: SURR: Phenol-d6	9.79		"	50.0		19.6	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	18.2		"	25.0		72.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	15.7		"	25.0		62.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	38.2		"	50.0		76.4	39.3-151				
Surrogate: SURR: Terphenyl-d14	16.9		"	25.0		67.6	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41262 - EPA 3510C											
LCS Dup (BG41262-BSD1)											
										Prepared: 07/19/2024 Analyzed: 07/22/2024	
1,1-Biphenyl	16.9	5.00	ug/L	25.0		67.5	21-102		16.0	20	
1,2,4,5-Tetrachlorobenzene	12.8	5.00	"	25.0		51.4	28-105		18.0	20	
1,2,4-Trichlorobenzene	15.1	5.00	"	25.0		60.4	35-91		13.6	20	
1,2-Dichlorobenzene	14.1	5.00	"	25.0		56.3	42-85		14.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.9	5.00	"	25.0		71.8	16-137		10.7	20	
1,3-Dichlorobenzene	13.4	5.00	"	25.0		53.7	45-80		8.46	20	
1,4-Dichlorobenzene	14.2	5.00	"	25.0		56.9	42-82		13.4	20	
2,3,4,6-Tetrachlorophenol	20.2	1.25	"	25.0		80.7	30-130		19.8	20	
2,4,5-Trichlorophenol	18.8	1.25	"	25.0		75.4	36-112		14.0	20	
2,4,6-Trichlorophenol	18.9	1.25	"	25.0		75.5	41-107		15.1	20	
2,4-Dichlorophenol	18.2	1.25	"	25.0		72.9	43-92		15.7	20	
2,4-Dimethylphenol	16.9	1.25	"	25.0		67.5	25-92		16.6	20	
2,4-Dinitrophenol	4.09	1.25	"	25.0		16.4	10-149		140	20	Non-dir.
2,4-Dinitrotoluene	21.0	5.00	"	25.0		83.8	41-114		9.81	20	
2,6-Dinitrotoluene	21.2	5.00	"	25.0		84.7	49-106		15.1	20	
2-Chloronaphthalene	16.2	5.00	"	25.0		64.7	40-96		13.7	20	
2-Chlorophenol	15.9	1.25	"	25.0		63.6	35-84		18.1	20	
2-Methylnaphthalene	16.2	5.00	"	25.0		64.6	33-101		16.1	20	
2-Methylphenol	13.6	1.25	"	25.0		54.6	10-90		23.3	20	Non-dir.
2-Nitroaniline	22.1	5.00	"	25.0		88.2	31-122		17.7	20	
2-Nitrophenol	18.3	1.25	"	25.0		73.1	37-97		5.51	20	
3- & 4-Methylphenols	10.5	1.25	"	25.0		42.2	10-101		19.0	20	
3,3-Dichlorobenzidine	16.5	5.00	"	25.0		66.0	25-155		26.3	20	Non-dir.
3-Nitroaniline	19.1	5.00	"	25.0		76.3	29-128		26.3	20	Non-dir.
4,6-Dinitro-2-methylphenol	5.07	1.25	"	25.0		20.3	10-135		125	20	Non-dir.
4-Bromophenyl phenyl ether	16.5	5.00	"	25.0		66.0	38-116		6.90	20	
4-Chloro-3-methylphenol	18.8	1.25	"	25.0		75.0	28-101		18.3	20	
4-Chloroaniline	14.9	5.00	"	25.0		59.7	10-154		18.0	20	
4-Chlorophenyl phenyl ether	16.1	5.00	"	25.0		64.6	34-112		15.7	20	
4-Nitroaniline	20.1	5.00	"	25.0		80.4	15-143		22.8	20	Non-dir.
4-Nitrophenol	8.26	1.25	"	25.0		33.0	10-112		22.2	20	Non-dir.
Acenaphthene	16.2	0.0500	"	25.0		65.0	24-114		14.5	20	
Acenaphthylene	16.3	0.0500	"	25.0		65.2	26-112		15.7	20	
Acetophenone	17.1	5.00	"	25.0		68.2	47-92		16.2	20	
Aniline	9.26	5.00	"	25.0		37.0	10-107		13.0	20	
Anthracene	17.6	0.0500	"	25.0		70.3	35-114		10.9	20	
Atrazine	20.0	0.500	"	25.0		80.0	43-101		18.6	20	
Benzaldehyde	16.0	5.00	"	25.0		63.8	17-117		17.1	20	
Benzo(a)anthracene	18.6	0.0500	"	25.0		74.6	38-127		14.3	20	
Benzo(a)pyrene	18.7	0.0500	"	25.0		74.8	30-146		12.3	20	
Benzo(b)fluoranthene	19.5	0.0500	"	25.0		78.0	36-145		17.7	20	
Benzo(g,h,i)perylene	17.6	0.0500	"	25.0		70.4	10-163		1.55	20	
Benzo(k)fluoranthene	17.5	0.0500	"	25.0		70.0	16-149		7.47	20	
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	11.5	5.00	"	25.0		45.8	18-75		16.7	20	
Benzyl butyl phthalate	19.8	5.00	"	25.0		79.3	28-129		17.5	20	
Bis(2-chloroethoxy)methane	17.5	5.00	"	25.0		69.9	27-112		18.4	20	
Bis(2-chloroethyl)ether	16.4	1.25	"	25.0		65.8	24-114		15.8	20	
Bis(2-chloroisopropyl)ether	14.4	5.00	"	25.0		57.7	21-124		3.10	20	
Bis(2-ethylhexyl)phthalate	20.2	0.500	"	25.0		80.9	10-171		15.7	20	
Caprolactam	3.47	5.00	"	25.0		13.9	10-29		16.5	20	



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 BG41262 - EPA 3510C

LCS Dup (BG41262-BSD1)

Prepared: 07/19/2024 Analyzed: 07/22/2024

Carbazole	17.7	5.00	ug/L	25.0		70.8	49-116		10.7	20	
Chrysene	17.8	0.0500	"	25.0		71.1	33-120		14.0	20	
Dibenzo(a,h)anthracene	18.8	0.0500	"	25.0		75.1	10-149		8.56	20	
Dibenzofuran	17.0	5.00	"	25.0		67.8	42-105		15.0	20	
Diethyl phthalate	17.7	5.00	"	25.0		70.8	38-112		12.9	20	
Dimethyl phthalate	18.2	5.00	"	25.0		72.9	49-106		16.9	20	
Di-n-butyl phthalate	18.8	5.00	"	25.0		75.3	36-110		11.1	20	
Di-n-octyl phthalate	21.1	5.00	"	25.0		84.4	12-149		14.0	20	
Fluoranthene	18.5	0.0500	"	25.0		74.1	33-126		15.0	20	
Fluorene	16.8	0.0500	"	25.0		67.4	28-117		15.0	20	
Hexachlorobenzene	18.3	0.0200	"	25.0		73.0	27-120		19.0	20	
Hexachlorobutadiene	14.4	0.500	"	25.0		57.7	25-106		14.8	20	
Hexachlorocyclopentadiene	4.75	5.00	"	25.0		19.0	10-99		82.1	20	Non-dir.
Hexachloroethane	13.0	0.500	"	25.0		51.9	33-84		4.65	20	
Indeno(1,2,3-cd)pyrene	20.1	0.0500	"	25.0		80.4	10-150		13.4	20	
Isophorone	17.8	5.00	"	25.0		71.3	29-115		16.7	20	
Naphthalene	15.8	0.0500	"	25.0		63.4	30-99		12.2	20	
Nitrobenzene	18.1	0.250	"	25.0		72.5	32-113		16.2	20	
N-Nitrosodimethylamine	6.70	0.500	"	25.0		26.8	10-63		5.36	20	
N-nitroso-di-n-propylamine	15.3	5.00	"	25.0		61.2	36-118		14.0	20	
N-Nitrosodiphenylamine	18.7	5.00	"	25.0		74.8	27-145		9.76	20	
Pentachlorophenol	21.6	0.250	"	25.0		86.5	19-127		7.23	20	
Phenanthrene	17.7	0.0500	"	25.0		70.7	31-112		14.4	20	
Phenol	6.28	1.25	"	25.0		25.1	10-37		16.6	20	
Pyrene	18.5	0.0500	"	25.0		73.9	42-125		20.5	20	Non-dir.
Pyridine	8.23	5.00	"	35.0		23.5	10-46		18.4	20	
Surrogate: SURR: 2-Fluorophenol	20.1		"	50.0		40.2	19.7-63.1				
Surrogate: SURR: Phenol-d6	12.2		"	50.0		24.3	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	20.7		"	25.0		82.7	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.0		"	25.0		72.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	42.8		"	50.0		85.5	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.2		"	25.0		80.7	30.7-106				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41538 - EPA 3015A

Blank (BG41538-BLK1)

Prepared & Analyzed: 07/24/2024

Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

LCS (BG41538-BS1)

Prepared & Analyzed: 07/24/2024

Aluminum	2.02		ug/mL	2.00		101	80-120				
Barium	2.10		"	2.00		105	80-120				
Calcium	1.15		"	1.00		115	80-120				
Chromium	0.204		"	0.200		102	80-120				
Cobalt	0.515		"	0.500		103	80-120				
Copper	0.268		"	0.250		107	80-120				
Iron	0.977		"	1.00		97.7	80-120				
Lead	0.495		"	0.500		99.0	80-120				
Magnesium	1.06		"	1.00		106	80-120				
Manganese	0.519		"	0.500		104	80-120				
Nickel	0.524		"	0.500		105	80-120				
Potassium	0.968		"	1.00		96.8	80-120				
Silver	0.0494		"	0.0500		98.8	80-120				
Sodium	0.0189		"	1.00		1.89	80-120	Low Bias			
Vanadium	0.504		"	0.500		101	80-120				
Zinc	0.498		"	0.500		99.7	80-120				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41538 - EPA 3015A

Duplicate (BG41538-DUP1)	*Source sample: 24G1297-02 (GW-2)					Prepared & Analyzed: 07/24/2024					
Aluminum	21.5	0.0556	mg/L		19.8				7.91	20	
Barium	0.849	0.0278	"		0.838				1.25	20	
Calcium	148	0.0556	"		147				0.731	20	
Chromium	0.0929	0.00556	"		0.0893				3.90	20	
Cobalt	0.0930	0.00444	"		0.0914				1.69	20	
Copper	0.110	0.0222	"		0.106				4.43	20	
Iron	11.0	0.278	"		8.74				23.3	20	Non-dir.
Lead	0.0970	0.00556	"		0.0957				1.38	20	
Magnesium	24.9	0.0556	"		24.5				1.91	20	
Manganese	5.77	0.00556	"		5.72				0.748	20	
Nickel	0.0667	0.0111	"		0.0649				2.70	20	
Potassium	7.84	0.0556	"		7.49				4.61	20	
Silver	ND	0.00556	"		ND					20	
Sodium	795	0.556	"		789				0.786	20	
Vanadium	0.0308	0.0111	"		0.0277				10.6	20	
Zinc	0.200	0.0278	"		0.202				1.33	20	

Matrix Spike (BG41538-MS1)	*Source sample: 24G1297-02 (GW-2)					Prepared & Analyzed: 07/24/2024					
Aluminum	29.3	0.0556	mg/L	2.22	19.8	427	75-125	High Bias			
Barium	3.03	0.0278	"	2.22	0.838	98.4	75-125				
Calcium	147	0.0556	"	1.11	147	NR	75-125	Low Bias			
Chromium	0.318	0.00556	"	0.222	0.0893	103	75-125				
Cobalt	0.635	0.00444	"	0.556	0.0914	97.8	75-125				
Copper	0.460	0.0222	"	0.278	0.106	127	75-125	High Bias			
Iron	22.8	0.278	"	1.11	8.74	NR	75-125	High Bias			
Lead	0.615	0.00556	"	0.556	0.0957	93.5	75-125				
Magnesium	27.1	0.0556	"	1.11	24.5	237	75-125	High Bias			
Manganese	6.29	0.00556	"	0.556	5.72	102	75-125				
Nickel	0.613	0.0111	"	0.556	0.0649	98.7	75-125				
Potassium	10.3	0.0556	"	1.11	7.49	251	75-125	High Bias			
Silver	0.0576	0.00556	"	0.0556	ND	104	75-125				
Sodium	779	0.556	"	1.11	789	NR	75-125	Low Bias			
Vanadium	0.598	0.0111	"	0.556	0.0277	103	75-125				
Zinc	0.726	0.0278	"	0.556	0.202	94.2	75-125				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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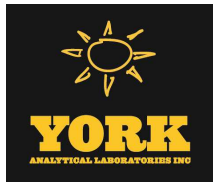
Batch BG41538 - EPA 3015A

Post Spike (BG41538-PS1)

*Source sample: 24G1297-02 (GW-2)

Prepared & Analyzed: 07/24/2024

Aluminum	19.7		ug/mL	2.00	17.9	93.9	75-125				
Barium	2.71		"	2.00	0.754	97.6	75-125				
Calcium	133		"	1.00	132	30.5	75-125	Low Bias			
Chromium	0.272		"	0.200	0.0804	95.6	75-125				
Cobalt	0.575		"	0.500	0.0823	98.5	75-125				
Copper	0.399		"	0.250	0.0950	121	75-125				
Iron	8.83		"	1.00	7.86	96.4	75-125				
Lead	0.556		"	0.500	0.0861	94.0	75-125				
Magnesium	22.9		"	1.00	22.0	87.6	75-125				
Manganese	5.60		"	0.500	5.15	88.8	75-125				
Nickel	0.547		"	0.500	0.0584	97.8	75-125				
Potassium	7.83		"	1.00	6.74	109	75-125				
Silver	0.0545		"	0.0500	0.000100	109	75-125				
Sodium	707		"	1.00	710	NR	75-125	Low Bias			
Vanadium	0.528		"	0.500	0.0249	101	75-125				
Zinc	0.644		"	0.500	0.182	92.4	75-125				



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BG41470 - EPA 3015A

Blank (BG41470-BLK1)

Prepared: 07/23/2024 Analyzed: 07/25/2024

Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								

LCS (BG41470-BS1)

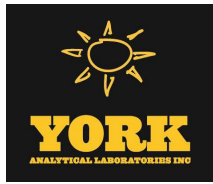
Prepared: 07/23/2024 Analyzed: 07/25/2024

Antimony	58.5		ug/L	50.0		117	80-120				
Arsenic	49.7		"	50.0		99.4	80-120				
Beryllium	59.7		"	50.0		119	80-120				
Cadmium	53.1		"	50.0		106	80-120				
Selenium	46.7		"	50.0		93.4	80-120				
Thallium	49.0		"	50.0		98.0	80-120				



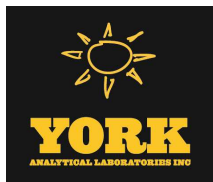
Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41585 - EPA SW846-7470A											
Blank (BG41585-BLK1)								Prepared & Analyzed: 07/24/2024			
Mercury	ND	0.0002	mg/L								
Blank (BG41585-BLK2)								Prepared & Analyzed: 07/24/2024			
Mercury	ND	0.0002	mg/L								
LCS (BG41585-BS1)								Prepared & Analyzed: 07/24/2024			
Mercury	0.0020913	0.0002	mg/L	0.00200		105	80-120				
LCS (BG41585-BS2)								Prepared & Analyzed: 07/24/2024			
Mercury	0.0018728	0.0002	mg/L	0.00200		93.6	80-120				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24G1297-01	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24G1297-02	GW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

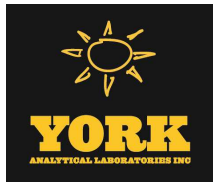


Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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



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

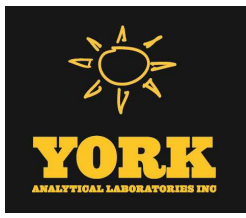
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

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

Report Date: 08/16/2024
Client Project ID: 32-20 38th Ave & 38-18 33rd St
York Project (SDG) No.: 24H0588

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/16/2024
Client Project ID: 32-20 38th Ave & 38-18 33rd St
York Project (SDG) No.: 24H0588

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 August 08, 2024 and listed below. The project was identified as your project: **32-20 38th Ave & 38-18 33rd St.**

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>
24H0588-01	MW-1	Ground Water	08/08/2024	08/08/2024
24H0588-02	MW-2	Ground Water	08/08/2024	08/08/2024
24H0588-03	MW-3	Ground Water	08/08/2024	08/08/2024
24H0588-04	TB-1	Water	08/07/2024	08/08/2024

General Notes for York Project (SDG) No.: 24H0588

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: 08/16/2024





Sample Information

Client Sample ID: MW-1

York Sample ID: 24H0588-01

York Project (SDG) No.
24H0588

Client Project ID
32-20 38th Ave & 38-18 33rd St

Matrix
Ground Water

Collection Date/Time
August 8, 2024 8:35 am

Date Received
08/08/2024

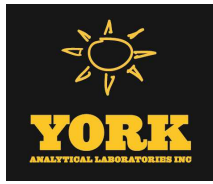
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB



Sample Information

Client Sample ID: MW-1

York Sample ID: 24H0588-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 8:35 am

08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
67-66-3	Chloroform	2.4		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
156-59-2	cis-1,2-Dichloroethylene	0.40	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
75-71-8	Dichlorodifluoromethane	0.65		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB



Sample Information

Client Sample ID: MW-1

York Sample ID: 24H0588-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 8:35 am

08/08/2024

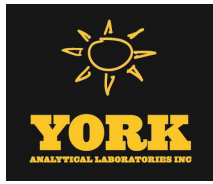
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/15/2024 08:00	08/15/2024 17:46	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/15/2024 08:00	08/15/2024 17:46	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 17:46	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
127-18-4	Tetrachloroethylene	33	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
156-60-5	trans-1,2-Dichloroethylene	10		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
79-01-6	Trichloroethylene	12	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB



Sample Information

Client Sample ID: MW-1

York Sample ID: 24H0588-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 8:35 am

08/08/2024

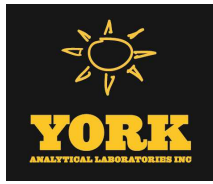
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	1.3		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 17:46	SCB
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.1 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	94.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						



Sample Information

Client Sample ID: MW-2

York Sample ID: 24H0588-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 10:05 am

08/08/2024

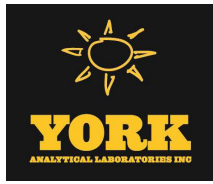
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB



Sample Information

Client Sample ID: MW-2

York Sample ID: 24H0588-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 10:05 am

08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
67-64-1	Acetone	1.4	J, CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
67-66-3	Chloroform	6.9		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB



Sample Information

Client Sample ID: MW-2

York Sample ID: 24H0588-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 10:05 am

08/08/2024

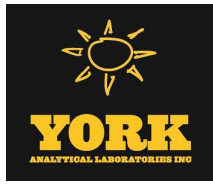
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/15/2024 08:00	08/15/2024 18:14	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/15/2024 08:00	08/15/2024 18:14	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:14	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
127-18-4	Tetrachloroethylene	0.82	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
79-01-6	Trichloroethylene	1.5	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
75-69-4	Trichlorofluoromethane	1.5		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB



Sample Information

Client Sample ID: MW-2

York Sample ID: 24H0588-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 10:05 am

08/08/2024

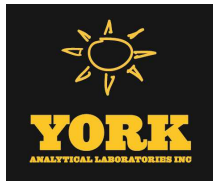
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:14	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.1 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								



Sample Information

Client Sample ID: MW-3

York Sample ID: 24H0588-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 1:45 pm

08/08/2024

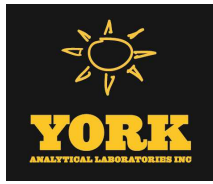
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
78-93-3	2-Butanone	0.23	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB



Sample Information

Client Sample ID: MW-3

York Sample ID: 24H0588-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 1:45 pm

08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
67-64-1	Acetone	1.5	J, CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
67-66-3	Chloroform	0.53		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB



Sample Information

Client Sample ID: MW-3

York Sample ID: 24H0588-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 1:45 pm

08/08/2024

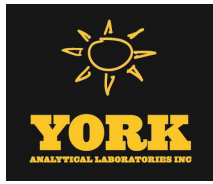
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/15/2024 08:00	08/15/2024 18:42	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/15/2024 08:00	08/15/2024 18:42	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 08:00	08/15/2024 18:42	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
79-01-6	Trichloroethylene	1.3	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
75-69-4	Trichlorofluoromethane	4.7		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB



Sample Information

Client Sample ID: MW-3

York Sample ID: 24H0588-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Ground Water

August 8, 2024 1:45 pm

08/08/2024

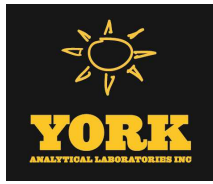
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 08:00	08/15/2024 18:42	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								



Sample Information

Client Sample ID: TB-1

York Sample ID: 24H0588-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Water

August 7, 2024 2:40 pm

08/08/2024

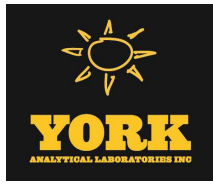
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 28 rows of data for various chemical compounds.



Sample Information

Client Sample ID: TB-1

York Sample ID: 24H0588-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Water

August 7, 2024 2:40 pm

08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
67-64-1	Acetone	2.1	ICVE, QL-02	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
107-13-1	Acrylonitrile	0.54	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF



Sample Information

Client Sample ID: TB-1

York Sample ID: 24H0588-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Water

August 7, 2024 2:40 pm

08/08/2024

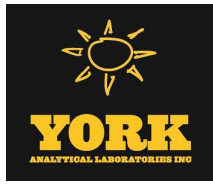
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/09/2024 17:11	08/09/2024 23:29	SKF
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	08/09/2024 17:11	08/09/2024 23:29	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
100-42-5	Styrene	0.22	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 17:11	08/09/2024 23:29	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF



Sample Information

Client Sample ID: TB-1

York Sample ID: 24H0588-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0588

32-20 38th Ave & 38-18 33rd St

Water

August 7, 2024 2:40 pm

08/08/2024

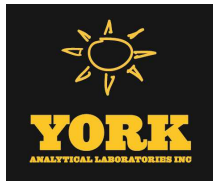
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 17:11	08/09/2024 23:29	SKF
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.4 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	106 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			79-122						



Analytical Batch Summary

Batch ID: BH40650

Preparation Method: EPA 5030B

Prepared By: SCB

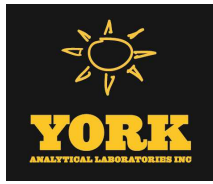
YORK Sample ID	Client Sample ID	Preparation Date
24H0588-04	TB-1	08/09/24
BH40650-BLK1	Blank	08/09/24
BH40650-BS1	LCS	08/09/24
BH40650-BSD1	LCS Dup	08/09/24

Batch ID: BH40974

Preparation Method: EPA 5030B

Prepared By: SCB

YORK Sample ID	Client Sample ID	Preparation Date
24H0588-01	MW-1	08/15/24
24H0588-02	MW-2	08/15/24
24H0588-03	MW-3	08/15/24
BH40974-BLK1	Blank	08/15/24
BH40974-BS1	LCS	08/15/24



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 BH40650 - EPA 5030B

Blank (BH40650-BLK1)

Prepared & Analyzed: 08/09/2024

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BH40650 - EPA 5030B

Blank (BH40650-BLK1)

Prepared & Analyzed: 08/09/2024

n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.78		"	10.0		97.8		69-130			
Surrogate: SURRE: Toluene-d8	10.6		"	10.0		106		81-117			
Surrogate: SURRE: p-Bromofluorobenzene	9.87		"	10.0		98.7		79-122			

LCS (BH40650-BS1)

Prepared & Analyzed: 08/09/2024

1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		98.3		82-126			
1,1,1-Trichloroethane	8.4		"	10.0		84.2		78-136			
1,1,2,2-Tetrachloroethane	11		"	10.0		109		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.4		"	10.0		83.7		54-165			
1,1,2-Trichloroethane	9.2		"	10.0		91.5		82-123			
1,1-Dichloroethane	8.5		"	10.0		85.3		82-129			
1,1-Dichloroethylene	8.9		"	10.0		89.1		68-138			
1,2,3-Trichlorobenzene	10		"	10.0		103		40-130			
1,2,3-Trichloropropane	9.5		"	10.0		95.1		77-128			
1,2,4-Trichlorobenzene	10		"	10.0		105		65-137			
1,2,4-Trimethylbenzene	11		"	10.0		108		82-132			
1,2-Dibromo-3-chloropropane	8.0		"	10.0		79.9		45-147			
1,2-Dibromoethane	9.2		"	10.0		92.3		83-124			
1,2-Dichlorobenzene	10		"	10.0		101		79-123			
1,2-Dichloroethane	7.9		"	10.0		79.4		73-132			
1,2-Dichloropropane	10		"	10.0		99.6		78-126			
1,3,5-Trimethylbenzene	11		"	10.0		110		80-131			
1,3-Dichlorobenzene	11		"	10.0		105		86-130			
1,4-Dichlorobenzene	10		"	10.0		104		85-130			
1,4-Dioxane	350		"	210		166		10-349			
2-Butanone	7.4		"	10.0		74.3		49-152			
2-Hexanone	7.9		"	10.0		78.9		51-146			
4-Methyl-2-pentanone	9.2		"	10.0		91.8		57-145			
Acetone	16		"	10.0		162		14-150	High Bias		
Acrolein	3.2		"	10.0		31.7		10-153			
Acrylonitrile	8.4		"	10.0		84.1		51-150			
Benzene	9.1		"	10.0		91.3		85-126			
Bromochloromethane	8.3		"	10.0		82.8		77-128			



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit							Units			

Batch BH40650 - EPA 5030B

LCS (BH40650-BS1)

Prepared & Analyzed: 08/09/2024

Bromodichloromethane	9.5		ug/L	10.0		94.6	79-128					
Bromoform	8.4		"	10.0		84.0	78-133					
Bromomethane	5.5		"	10.0		55.4	43-168					
Carbon disulfide	8.9		"	10.0		88.6	68-146					
Carbon tetrachloride	8.6		"	10.0		86.1	77-141					
Chlorobenzene	10		"	10.0		100	88-120					
Chloroethane	8.9		"	10.0		89.1	65-136					
Chloroform	8.2		"	10.0		82.3	82-128					
Chloromethane	7.7		"	10.0		77.2	43-155					
cis-1,2-Dichloroethylene	8.6		"	10.0		85.5	83-129					
cis-1,3-Dichloropropylene	9.6		"	10.0		95.7	80-131					
Cyclohexane	8.5		"	10.0		85.2	63-149					
Dibromochloromethane	9.2		"	10.0		92.5	80-130					
Dibromomethane	8.9		"	10.0		88.9	72-134					
Dichlorodifluoromethane	6.0		"	10.0		60.1	44-144					
Ethyl Benzene	10		"	10.0		102	80-131					
Hexachlorobutadiene	11		"	10.0		110	67-146					
Isopropylbenzene	11		"	10.0		110	76-140					
Methyl acetate	8.0		"	10.0		80.3	51-139					
Methyl tert-butyl ether (MTBE)	8.1		"	10.0		80.7	76-135					
Methylcyclohexane	9.8		"	10.0		98.5	72-143					
Methylene chloride	8.0		"	10.0		80.1	55-137					
n-Butylbenzene	12		"	10.0		115	79-132					
n-Propylbenzene	11		"	10.0		109	78-133					
o-Xylene	9.8		"	10.0		98.4	78-130					
p- & m- Xylenes	20		"	20.0		99.2	77-133					
p-Isopropyltoluene	11		"	10.0		113	81-136					
sec-Butylbenzene	11		"	10.0		110	79-137					
Styrene	10		"	10.0		101	67-132					
tert-Butyl alcohol (TBA)	42		"	50.0		84.1	25-162					
tert-Butylbenzene	11		"	10.0		108	77-138					
Tetrachloroethylene	5.4		"	10.0		54.0	82-131	Low Bias				
Toluene	10		"	10.0		102	80-127					
trans-1,2-Dichloroethylene	8.8		"	10.0		87.6	80-132					
trans-1,3-Dichloropropylene	9.5		"	10.0		94.7	78-131					
trans-1,4-dichloro-2-butene	9.5		"	10.0		95.0	63-141					
Trichloroethylene	9.2		"	10.0		92.0	82-128					
Trichlorofluoromethane	8.4		"	10.0		83.7	67-139					
Vinyl Chloride	8.3		"	10.0		82.8	58-145					
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.28</i>		<i>"</i>	<i>10.0</i>		<i>92.8</i>	<i>69-130</i>					
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81-117</i>					
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-122</i>					



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BH40650 - EPA 5030B										
LCS Dup (BH40650-BSD1)										
Prepared & Analyzed: 08/09/2024										
1,1,1,2-Tetrachloroethane	10		ug/L	10.0	100		82-126		1.81	30
1,1,1-Trichloroethane	8.6		"	10.0	85.5		78-136		1.53	30
1,1,2,2-Tetrachloroethane	11		"	10.0	114		76-129		4.93	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.6		"	10.0	86.1		54-165		2.83	30
1,1,2-Trichloroethane	9.3		"	10.0	92.8		82-123		1.41	30
1,1-Dichloroethane	8.7		"	10.0	86.7		82-129		1.63	30
1,1-Dichloroethylene	9.1		"	10.0	90.9		68-138		2.00	30
1,2,3-Trichlorobenzene	12		"	10.0	124		40-130		18.4	30
1,2,3-Trichloropropane	9.7		"	10.0	97.2		77-128		2.18	30
1,2,4-Trichlorobenzene	11		"	10.0	115		65-137		9.20	30
1,2,4-Trimethylbenzene	11		"	10.0	106		82-132		1.49	30
1,2-Dibromo-3-chloropropane	9.0		"	10.0	90.1		45-147		12.0	30
1,2-Dibromoethane	9.4		"	10.0	94.4		83-124		2.25	30
1,2-Dichlorobenzene	10		"	10.0	103		79-123		1.47	30
1,2-Dichloroethane	8.3		"	10.0	82.9		73-132		4.31	30
1,2-Dichloropropane	10		"	10.0	104		78-126		4.51	30
1,3,5-Trimethylbenzene	11		"	10.0	107		80-131		2.66	30
1,3-Dichlorobenzene	10		"	10.0	104		86-130		1.05	30
1,4-Dichlorobenzene	10		"	10.0	104		85-130		0.480	30
1,4-Dioxane	390		"	210	187		10-349		11.8	30
2-Butanone	7.8		"	10.0	78.4		49-152		5.37	30
2-Hexanone	8.5		"	10.0	84.8		51-146		7.21	30
4-Methyl-2-pentanone	9.8		"	10.0	98.3		57-145		6.84	30
Acetone	18		"	10.0	177		14-150	High Bias	8.69	30
Acrolein	3.1		"	10.0	31.2		10-153		1.59	30
Acrylonitrile	4.0		"	10.0	39.9		51-150	Low Bias	71.3	30
Benzene	9.2		"	10.0	92.5		85-126		1.31	30
Bromochloromethane	8.4		"	10.0	84.4		77-128		1.91	30
Bromodichloromethane	9.7		"	10.0	97.3		79-128		2.81	30
Bromoform	8.8		"	10.0	87.8		78-133		4.42	30
Bromomethane	6.2		"	10.0	62.3		43-168		11.7	30
Carbon disulfide	9.0		"	10.0	89.9		68-146		1.46	30
Carbon tetrachloride	8.8		"	10.0	88.0		77-141		2.18	30
Chlorobenzene	10		"	10.0	102		88-120		1.68	30
Chloroethane	9.0		"	10.0	90.4		65-136		1.45	30
Chloroform	8.4		"	10.0	83.8		82-128		1.81	30
Chloromethane	7.6		"	10.0	76.4		43-155		1.04	30
cis-1,2-Dichloroethylene	8.7		"	10.0	86.7		83-129		1.39	30
cis-1,3-Dichloropropylene	9.8		"	10.0	97.6		80-131		1.97	30
Cyclohexane	8.7		"	10.0	86.8		63-149		1.86	30
Dibromochloromethane	9.7		"	10.0	96.7		80-130		4.44	30
Dibromomethane	9.2		"	10.0	91.6		72-134		2.99	30
Dichlorodifluoromethane	6.1		"	10.0	61.2		44-144		1.81	30
Ethyl Benzene	10		"	10.0	103		80-131		1.37	30
Hexachlorobutadiene	11		"	10.0	113		67-146		2.15	30
Isopropylbenzene	11		"	10.0	108		76-140		2.20	30
Methyl acetate	8.0		"	10.0	80.0		51-139		0.374	30
Methyl tert-butyl ether (MTBE)	8.6		"	10.0	86.2		76-135		6.59	30
Methylcyclohexane	10		"	10.0	100		72-143		1.51	30
Methylene chloride	8.1		"	10.0	81.4		55-137		1.61	30
n-Butylbenzene	11		"	10.0	113		79-132		1.49	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 BH40650 - EPA 5030B

LCS Dup (BH40650-BSD1)

Prepared & Analyzed: 08/09/2024

n-Propylbenzene	11		ug/L	10.0		106	78-133		2.23	30	
o-Xylene	10		"	10.0		99.9	78-130		1.51	30	
p- & m- Xylenes	20		"	20.0		100	77-133		1.20	30	
p-Isopropyltoluene	11		"	10.0		110	81-136		2.33	30	
sec-Butylbenzene	11		"	10.0		107	79-137		1.94	30	
Styrene	10		"	10.0		102	67-132		1.57	30	
tert-Butyl alcohol (TBA)	44		"	50.0		87.5	25-162		3.89	30	
tert-Butylbenzene	11		"	10.0		106	77-138		1.40	30	
Tetrachloroethylene	5.5		"	10.0		54.7	82-131	Low Bias	1.29	30	
Toluene	10		"	10.0		102	80-127		0.784	30	
trans-1,2-Dichloroethylene	8.9		"	10.0		88.9	80-132		1.47	30	
trans-1,3-Dichloropropylene	9.7		"	10.0		96.7	78-131		2.09	30	
trans-1,4-dichloro-2-butene	10		"	10.0		99.5	63-141		4.63	30	
Trichloroethylene	9.2		"	10.0		92.1	82-128		0.109	30	
Trichlorofluoromethane	8.6		"	10.0		86.1	67-139		2.83	30	
Vinyl Chloride	8.3		"	10.0		83.0	58-145		0.241	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.54</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.97</i>		<i>"</i>	<i>10.0</i>		<i>99.7</i>	<i>79-122</i>				

Batch BH40974 - EPA 5030B

Blank (BH40974-BLK1)

Prepared & Analyzed: 08/15/2024

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BH40974 - EPA 5030B

Blank (BH40974-BLK1)

Prepared & Analyzed: 08/15/2024

Bromodichloromethane	ND	0.50	ug/L										
Bromoform	ND	0.50	"										
Bromomethane	ND	0.50	"										
Carbon disulfide	ND	0.50	"										
Carbon tetrachloride	ND	0.50	"										
Chlorobenzene	ND	0.50	"										
Chloroethane	ND	0.50	"										
Chloroform	ND	0.50	"										
Chloromethane	ND	0.50	"										
cis-1,2-Dichloroethylene	ND	0.50	"										
cis-1,3-Dichloropropylene	ND	0.50	"										
Cyclohexane	ND	0.50	"										
Dibromochloromethane	ND	0.50	"										
Dibromomethane	ND	0.50	"										
Dichlorodifluoromethane	ND	0.50	"										
Ethyl Benzene	ND	0.50	"										
Hexachlorobutadiene	ND	0.50	"										
Isopropylbenzene	ND	0.50	"										
Methyl acetate	ND	0.50	"										
Methyl tert-butyl ether (MTBE)	ND	0.50	"										
Methylcyclohexane	ND	0.50	"										
Methylene chloride	ND	2.0	"										
n-Butylbenzene	ND	0.50	"										
n-Propylbenzene	ND	0.50	"										
o-Xylene	ND	0.50	"										
p- & m- Xylenes	ND	1.0	"										
p-Isopropyltoluene	ND	0.50	"										
sec-Butylbenzene	ND	0.50	"										
Styrene	ND	0.50	"										
tert-Butyl alcohol (TBA)	ND	1.0	"										
tert-Butylbenzene	ND	0.50	"										
Tetrachloroethylene	ND	0.50	"										
Toluene	ND	0.50	"										
trans-1,2-Dichloroethylene	ND	0.50	"										
trans-1,3-Dichloropropylene	ND	0.50	"										
trans-1,4-dichloro-2-butene	ND	0.50	"										
Trichloroethylene	ND	0.50	"										
Trichlorofluoromethane	ND	0.50	"										
Vinyl Chloride	ND	0.50	"										
Xylenes, Total	ND	1.5	"										
<hr/>													
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.15		"	10.0		91.5	69-130						
Surrogate: SURRE: Toluene-d8	9.54		"	10.0		95.4	81-117						
Surrogate: SURRE: p-Bromofluorobenzene	10.3		"	10.0		103	79-122						



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit							Units	

Batch BH40974 - EPA 5030B

LCS (BH40974-BS1)

Prepared & Analyzed: 08/15/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	Limits	Flag	RPD	Limit	Flag
1,1,1,2-Tetrachloroethane	9.2		ug/L	10.0		92.4	82-126				
1,1,1-Trichloroethane	10		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		92.4	82-123				
1,1-Dichloroethane	10		"	10.0		100	82-129				
1,1-Dichloroethylene	11		"	10.0		113	68-138				
1,2,3-Trichlorobenzene	8.8		"	10.0		87.7	40-130				
1,2,3-Trichloropropane	9.1		"	10.0		91.0	77-128				
1,2,4-Trichlorobenzene	9.1		"	10.0		91.2	65-137				
1,2,4-Trimethylbenzene	9.5		"	10.0		94.8	82-132				
1,2-Dibromo-3-chloropropane	9.0		"	10.0		89.7	45-147				
1,2-Dibromoethane	9.5		"	10.0		94.8	83-124				
1,2-Dichlorobenzene	8.9		"	10.0		88.7	79-123				
1,2-Dichloroethane	9.5		"	10.0		94.6	73-132				
1,2-Dichloropropane	9.2		"	10.0		92.3	78-126				
1,3,5-Trimethylbenzene	9.2		"	10.0		92.2	80-131				
1,3-Dichlorobenzene	8.8		"	10.0		88.1	86-130				
1,4-Dichlorobenzene	8.9		"	10.0		89.0	85-130				
1,4-Dioxane	230		"	210		111	10-349				
2-Butanone	9.2		"	10.0		92.3	49-152				
2-Hexanone	7.9		"	10.0		78.7	51-146				
4-Methyl-2-pentanone	8.6		"	10.0		85.8	57-145				
Acetone	19		"	10.0		192	14-150	High Bias			
Acrolein	3.5		"	10.0		35.1	10-153				
Acrylonitrile	11		"	10.0		109	51-150				
Benzene	11		"	10.0		110	85-126				
Bromochloromethane	9.7		"	10.0		96.7	77-128				
Bromodichloromethane	9.2		"	10.0		92.1	79-128				
Bromoform	8.7		"	10.0		87.3	78-133				
Bromomethane	1.9		"	10.0		18.7	43-168	Low Bias			
Carbon disulfide	13		"	10.0		132	68-146				
Carbon tetrachloride	10		"	10.0		104	77-141				
Chlorobenzene	9.4		"	10.0		94.5	88-120				
Chloroethane	8.6		"	10.0		85.8	65-136				
Chloroform	10		"	10.0		99.6	82-128				
Chloromethane	6.8		"	10.0		68.1	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	9.4		"	10.0		94.1	80-131				
Cyclohexane	11		"	10.0		106	63-149				
Dibromochloromethane	9.6		"	10.0		95.9	80-130				
Dibromomethane	9.0		"	10.0		90.2	72-134				
Dichlorodifluoromethane	11		"	10.0		110	44-144				
Ethyl Benzene	9.4		"	10.0		94.5	80-131				
Hexachlorobutadiene	9.5		"	10.0		94.9	67-146				
Isopropylbenzene	9.3		"	10.0		93.2	76-140				
Methyl acetate	8.8		"	10.0		88.2	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		118	76-135				
Methylcyclohexane	9.2		"	10.0		91.6	72-143				
Methylene chloride	9.9		"	10.0		99.0	55-137				
n-Butylbenzene	8.9		"	10.0		88.6	79-132				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

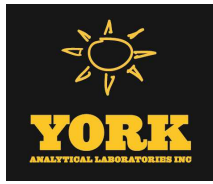
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BH40974 - EPA 5030B

LCS (BH40974-BS1)

Prepared & Analyzed: 08/15/2024

n-Propylbenzene	9.1		ug/L	10.0		90.8		78-133					
o-Xylene	9.2		"	10.0		91.9		78-130					
p- & m- Xylenes	19		"	20.0		94.7		77-133					
p-Isopropyltoluene	9.1		"	10.0		90.6		81-136					
sec-Butylbenzene	8.8		"	10.0		88.3		79-137					
Styrene	9.5		"	10.0		94.6		67-132					
tert-Butyl alcohol (TBA)	59		"	50.0		117		25-162					
tert-Butylbenzene	8.9		"	10.0		89.0		77-138					
Tetrachloroethylene	4.6		"	10.0		46.4		82-131	Low Bias				
Toluene	9.5		"	10.0		95.3		80-127					
trans-1,2-Dichloroethylene	11		"	10.0		108		80-132					
trans-1,3-Dichloropropylene	9.3		"	10.0		93.0		78-131					
trans-1,4-dichloro-2-butene	8.5		"	10.0		85.3		63-141					
Trichloroethylene	8.1		"	10.0		81.4		82-128	Low Bias				
Trichlorofluoromethane	9.1		"	10.0		91.1		67-139					
Vinyl Chloride	9.2		"	10.0		92.0		58-145					
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.09</i>		<i>"</i>	<i>10.0</i>		<i>90.9</i>		<i>69-130</i>					
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.58</i>		<i>"</i>	<i>10.0</i>		<i>95.8</i>		<i>81-117</i>					
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>		<i>79-122</i>					



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0588-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0588-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0588-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0588-04	TB-1	40mL 01_Clear Vial Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

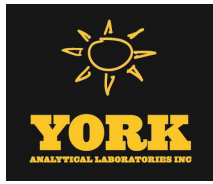
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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 Project Number
24H0588

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 132-42 89th Ave Queens, NY 11418 56 Church Hill Rd #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

Page 1 of 1

Report To: Company: Vektor Consultants Address: 37 W 37st Phone: 716 868 8873 Contact: Ezgi Kuruyel E-mail: Ezgi@vektorconsulting.com

YOUR Project Name / Number: 32-20 38th Ave & 38-18 33rd St **PO Number:** 24-0012

Samples Collected From: NY CT PA Other: (please specify)

Analyses Requested: TCR VOLs EPH method 8260

Preservative: (please list number of containers)

Unpreserved	<input checked="" type="checkbox"/>
HCl (hydrochloric acid)	<input checked="" type="checkbox"/>
MeOH (methanol)	<input checked="" type="checkbox"/>
HNO ₃ (nitric acid)	<input checked="" type="checkbox"/>
H ₂ SO ₄ (sulfuric acid)	<input checked="" type="checkbox"/>
NaOH (sodium hydroxide)	<input checked="" type="checkbox"/>
Na ₂ O ₃ (sodium thio)	<input checked="" type="checkbox"/>
Trizma	<input checked="" type="checkbox"/>
Ammonium Acetate	<input checked="" type="checkbox"/>
Other:	<input checked="" type="checkbox"/>

Sample Identification	Matrix Codes		Date	Samples Collected by: (print AND sign your name)	EDD Type (circle)	Regulatory Comparative
	S - soil/solid/sludge	GW - groundwater				
MW-1		GW	8/18/14	835	GW	
MW-2		↓	1005	↓		
MW-3		↓	1345	↓		
TB-1		AW	-	AW		

Comments:

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

Custody Seals: Y / M Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Antonio Cudenas / Vektor Consultants Date/Time: 8/18/14

2. Samples Relinquished by / Company: Antonio Cudenas Date/Time: 8/18/14

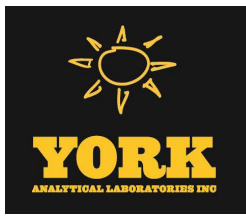
3. Samples Relinquished by / Company: Antonio Cudenas Date/Time: 8/18/14

4. Samples Received by / Company: Antonio Cudenas Date/Time: 8/18/14

5. Samples Received by / Company: Antonio Cudenas Date/Time: 8/18/14

APPENDIX E

LABORATORY ANALYTICAL REPORTS FOR SOIL VAPOR SAMPLES



Technical Report

prepared for:

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

Report Date: 07/26/2024
Client Project ID: 24-0012 32-20 38th Ave 38-18 33rd St
York Project (SDG) No.: 24G1377

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/26/2024
Client Project ID: 24-0012 32-20 38th Ave 38-18 33rd St
York Project (SDG) No.: 24G1377

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 19, 2024 and listed below. The project was identified as your project: **24-0012 32-20 38th Ave 38-18 33rd St.**

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>
24G1377-01	SV-1	Soil Vapor	07/19/2024	07/19/2024
24G1377-02	SV-2	Soil Vapor	07/19/2024	07/19/2024
24G1377-03	SV-3	Soil Vapor	07/19/2024	07/19/2024
24G1377-04	SV-4	Soil Vapor	07/19/2024	07/19/2024
24G1377-05	SV-5	Soil Vapor	07/19/2024	07/19/2024

General Notes for York Project (SDG) No.: 24G1377

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: 07/26/2024





Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.
24G1377

Client Project ID
24-0012 32-20 38th Ave 38-18 33rd St

Matrix
Soil Vapor

Collection Date/Time
July 19, 2024 12:00 am

Date Received
07/19/2024

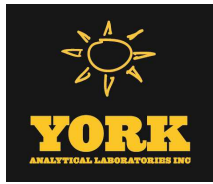
Volatile Organics, EPA TO15 Full List

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	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
71-55-6	1,1,1-Trichloroethane	10		ug/m ³	8.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		ug/m ³	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m ³	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.4	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	3.7	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	ND		ug/m ³	4.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
107-05-1	3-Chloropropene	ND		ug/m ³	25	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
67-64-1	Acetone	32	B	ug/m ³	19	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
71-43-2	Benzene	ND		ug/m ³	5.1	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
100-44-7	Benzyl chloride	ND		ug/m ³	8.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-25-2	Bromoform	ND		ug/m ³	16	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
74-83-9	Bromomethane	ND		ug/m ³	6.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-15-0	Carbon disulfide	11		ug/m ³	5.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
56-23-5	Carbon tetrachloride	3.0		ug/m ³	2.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
108-90-7	Chlorobenzene	ND		ug/m ³	7.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-00-3	Chloroethane	ND		ug/m ³	4.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
67-66-3	Chloroform	130		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
74-87-3	Chloromethane	ND		ug/m ³	3.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
156-59-2	cis-1,2-Dichloroethylene	160		ug/m ³	1.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
110-82-7	Cyclohexane	ND		ug/m ³	5.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	14	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-71-8	Dichlorodifluoromethane	190		ug/m ³	7.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
100-41-4	Ethyl Benzene	ND		ug/m ³	6.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	17	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
67-63-0	Isopropanol	11		ug/m ³	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-09-2	Methylene chloride	ND		ug/m ³	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
91-20-3	* Naphthalene	ND	ICVE	ug/m ³	17	15.91	EPA TO-15 Certifications: NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
142-82-5	n-Heptane	ND		ug/m ³	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
110-54-3	n-Hexane	ND		ug/m ³	5.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
95-47-6	o-Xylene	ND		ug/m ³	6.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.8	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
115-07-1	* Propylene	ND		ug/m ³	2.7	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
100-42-5	Styrene	ND		ug/m ³	6.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
127-18-4	Tetrachloroethylene	33000		ug/m ³	490	727.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/26/2024 16:36	DRP
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.4	15.91	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 21:28	LT
108-88-3	Toluene	ND		ug/m ³	6.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
156-60-5	trans-1,2-Dichloroethylene	24		ug/m ³	6.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
79-01-6	Trichloroethylene	90000	TO-LCS -L	ug/m ³	98	727.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/26/2024 16:36	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	4300		ug/m ³	8.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-1

York Sample ID: 24G1377-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	TO-LCS -L	ug/m ³	5.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
593-60-2	Vinyl bromide	ND		ug/m ³	7.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 21:28	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
71-55-6	1,1,1-Trichloroethane	1.0		ug/m ³	0.95	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
79-34-5	1,1,2,2-Tetrachloroethane	1.6		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.0		ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.95	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-34-3	1,1-Dichloroethane	0.78		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-35-4	1,1-Dichloroethylene	0.69		ug/m ³	0.17	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
120-82-1	1,2,4-Trichlorobenzene	2.7	CAL-E, ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
95-63-6	1,2,4-Trimethylbenzene	5.0		ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
95-50-1	1,2-Dichlorobenzene	2.6		ug/m ³	1.0	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
107-06-2	1,2-Dichloroethane	0.78		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.81	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-67-8	1,3,5-Trimethylbenzene	3.3		ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
541-73-1	1,3-Dichlorobenzene	2.0		ug/m ³	1.0	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.81	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
106-46-7	1,4-Dichlorobenzene	2.1		ug/m ³	1.0	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
123-91-1	1,4-Dioxane	3.4		ug/m ³	1.3	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

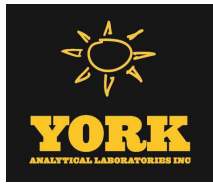
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	0.90		ug/m ³	0.41	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
78-93-3	2-Butanone	2.4		ug/m ³	0.51	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
591-78-6	* 2-Hexanone	3.1		ug/m ³	1.4	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-10-1	4-Methyl-2-pentanone	3.6		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
67-64-1	Acetone	15	B, TO-CC V, TO-LCS -L	ug/m ³	0.83	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
107-13-1	Acrylonitrile	0.61		ug/m ³	0.38	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
71-43-2	Benzene	1.2		ug/m ³	0.56	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
100-44-7	Benzyl chloride	1.7		ug/m ³	0.90	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-25-2	Bromoform	ND		ug/m ³	1.8	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
74-83-9	Bromomethane	1.0		ug/m ³	0.68	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-15-0	Carbon disulfide	1.5		ug/m ³	0.54	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
56-23-5	Carbon tetrachloride	1.3		ug/m ³	0.27	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-90-7	Chlorobenzene	0.88		ug/m ³	0.80	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-00-3	Chloroethane	0.55		ug/m ³	0.46	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
67-66-3	Chloroform	1.5		ug/m ³	0.85	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
74-87-3	Chloromethane	ND		ug/m ³	0.36	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
156-59-2	cis-1,2-Dichloroethylene	0.69		ug/m ³	0.17	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.79	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

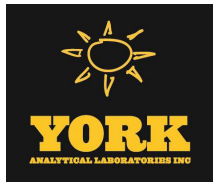
Volatile Organics, EPA TO15 Full List

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	0.66		ug/m ³	0.60	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
100-41-4	Ethyl Benzene	1.8		ug/m ³	0.76	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
87-68-3	Hexachlorobutadiene	5.6	ICVE	ug/m ³	1.9	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
67-63-0	Isopropanol	4.5	B	ug/m ³	0.86	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
80-62-6	Methyl Methacrylate	1.1		ug/m ³	0.71	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	0.69		ug/m ³	0.63	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-09-2	Methylene chloride	1.3		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
91-20-3	* Naphthalene	3.6	ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.8	1.745	EPA TO-15 Certifications: NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
142-82-5	n-Heptane	0.79		ug/m ³	0.72	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
110-54-3	n-Hexane	0.80		ug/m ³	0.62	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
95-47-6	o-Xylene	2.8		ug/m ³	0.76	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
179601-23-1	p- & m- Xylenes	6.1		ug/m ³	1.5	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
622-96-8	* p-Ethyltoluene	4.2		ug/m ³	0.86	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
115-07-1	* Propylene	ND		ug/m ³	0.30	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT
100-42-5	Styrene	1.5		ug/m ³	0.74	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
127-18-4	Tetrachloroethylene	3.4		ug/m ³	1.2	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	1.0	1.745	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 15:57	LT



Sample Information

Client Sample ID: SV-2

York Sample ID: 24G1377-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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
108-88-3	Toluene	2.0		ug/m ³	0.66	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
156-60-5	trans-1,2-Dichloroethylene	0.69		ug/m ³	0.69	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.79	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
79-01-6	Trichloroethylene	2.8	TO-LCS -L	ug/m ³	0.23	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-69-4	Trichlorofluoromethane (Freon 11)	7.1		ug/m ³	0.98	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.61	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
593-60-2	Vinyl bromide	0.84		ug/m ³	0.76	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT
75-01-4	Vinyl Chloride	0.40		ug/m ³	0.22	1.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 15:57	LT





Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
71-55-6	1,1,1-Trichloroethane	1.3		ug/m ³	1.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.74	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.18	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.4	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
95-63-6	1,2,4-Trimethylbenzene	2.1		ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.74	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.85	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	1.2	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.85	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	0.43	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
78-93-3	2-Butanone	5.4		ug/m ³	0.54	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.9	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.75	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
67-64-1	Acetone	150	B, TO-CC V, TO-LCS -L	ug/m ³	0.87	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.40	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
71-43-2	Benzene	0.70		ug/m ³	0.59	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.95	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-25-2	Bromoform	ND		ug/m ³	1.9	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
74-83-9	Bromomethane	ND		ug/m ³	0.71	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-15-0	Carbon disulfide	1.3		ug/m ³	0.57	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.29	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.84	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-00-3	Chloroethane	ND		ug/m ³	0.48	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
67-66-3	Chloroform	11		ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
74-87-3	Chloromethane	ND		ug/m ³	0.38	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.18	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.83	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

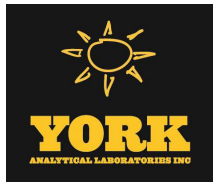
Volatile Organics, EPA TO15 Full List

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	0.63	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.6	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-71-8	Dichlorodifluoromethane	2.8		ug/m ³	0.91	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
100-41-4	Ethyl Benzene	ND		ug/m ³	0.80	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	2.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
67-63-0	Isopropanol	3.1	B	ug/m ³	0.90	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.75	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.66	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.3	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
91-20-3	* Naphthalene	ND	ICVE, TO-CC V, TO-LCS -L	ug/m ³	1.9	1.835	EPA TO-15 Certifications: NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
142-82-5	n-Heptane	ND		ug/m ³	0.75	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
110-54-3	n-Hexane	ND		ug/m ³	0.65	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
95-47-6	o-Xylene	1.0		ug/m ³	0.80	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
179601-23-1	p- & m- Xylenes	2.2		ug/m ³	1.6	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
622-96-8	* p-Ethyltoluene	2.0		ug/m ³	0.90	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
115-07-1	* Propylene	7.9		ug/m ³	0.32	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT
100-42-5	Styrene	ND		ug/m ³	0.78	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
127-18-4	Tetrachloroethylene	66		ug/m ³	1.2	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
109-99-9	* Tetrahydrofuran	1.4		ug/m ³	1.1	1.835	EPA TO-15 Certifications:	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-3

York Sample ID: 24G1377-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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
108-88-3	Toluene	1.2		ug/m ³	0.69	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.73	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.83	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
79-01-6	Trichloroethylene	0.59	TO-LCS -L	ug/m ³	0.25	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-69-4	Trichlorofluoromethane (Freon 11)	28		ug/m ³	1.0	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.65	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.80	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.23	1.835	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/24/2024 08:00	07/24/2024 17:44	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	3.9	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
78-93-3	2-Butanone	19		ug/m ³	4.9	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	14	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
67-64-1	Acetone	830	B	ug/m ³	20	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
71-43-2	Benzene	ND		ug/m ³	5.3	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
100-44-7	Benzyl chloride	ND		ug/m ³	8.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-25-2	Bromoform	ND		ug/m ³	17	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
74-83-9	Bromomethane	ND		ug/m ³	6.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-15-0	Carbon disulfide	ND		ug/m ³	5.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-90-7	Chlorobenzene	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-00-3	Chloroethane	ND		ug/m ³	4.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
67-66-3	Chloroform	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
110-82-7	Cyclohexane	ND		ug/m ³	5.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	12	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

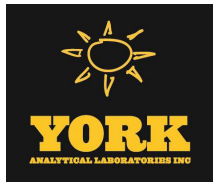
Volatile Organics, EPA TO15 Full List

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	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	18	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
67-63-0	Isopropanol	31		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-09-2	Methylene chloride	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
91-20-3	* Naphthalene	ND	ICVE	ug/m ³	17	16.55	EPA TO-15 Certifications: NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
142-82-5	n-Heptane	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
110-54-3	n-Hexane	ND		ug/m ³	5.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
95-47-6	o-Xylene	ND		ug/m ³	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
115-07-1	* Propylene	ND		ug/m ³	2.8	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
100-42-5	Styrene	ND		ug/m ³	7.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
127-18-4	Tetrachloroethylene	19		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.8	16.55	EPA TO-15 Certifications:	07/19/2024 12:00	07/23/2024 23:48	LT
108-88-3	Toluene	ND		ug/m ³	6.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
79-01-6	Trichloroethylene	12	TO-LCS -L	ug/m ³	2.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-69-4	Trichlorofluoromethane (Freon 11)	21		ug/m ³	9.3	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	5.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24G1377-04

York Project (SDG) No.
24G1377

Client Project ID
24-0012 32-20 38th Ave 38-18 33rd St

Matrix
Soil Vapor

Collection Date/Time
July 19, 2024 12:00 am

Date Received
07/19/2024

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	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/23/2024 23:48	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

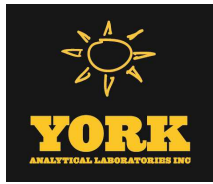
Volatile Organics, EPA TO15 Full List

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	12	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		ug/m ³	14	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE	ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.3	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	4.2	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
78-93-3	2-Butanone	13		ug/m ³	5.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

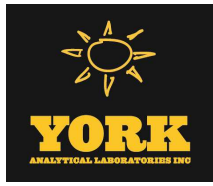
Volatile Organics, EPA TO15 Full List

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	15	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
107-05-1	3-Chloropropene	ND		ug/m ³	28	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-10-1	4-Methyl-2-pentanone	7.4		ug/m ³	7.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
67-64-1	Acetone	63	B	ug/m ³	21	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
107-13-1	Acrylonitrile	5.9		ug/m ³	3.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
71-43-2	Benzene	8.1		ug/m ³	5.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
100-44-7	Benzyl chloride	ND		ug/m ³	9.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-25-2	Bromoform	ND		ug/m ³	19	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
74-83-9	Bromomethane	ND		ug/m ³	7.0	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-15-0	Carbon disulfide	44		ug/m ³	5.6	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
56-23-5	Carbon tetrachloride	3.4		ug/m ³	2.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-90-7	Chlorobenzene	ND		ug/m ³	8.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-00-3	Chloroethane	ND		ug/m ³	4.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
67-66-3	Chloroform	ND		ug/m ³	8.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
74-87-3	Chloromethane	ND		ug/m ³	3.7	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.2	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
110-82-7	Cyclohexane	ND		ug/m ³	6.2	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	15	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	13	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G1377

24-0012 32-20 38th Ave 38-18 33rd St

Soil Vapor

July 19, 2024 12:00 am

07/19/2024

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	7.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/m ³	19	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
67-63-0	Isopropanol	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.5	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-09-2	Methylene chloride	ND		ug/m ³	13	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
91-20-3	* Naphthalene	ND	ICVE	ug/m ³	19	18.01	EPA TO-15 Certifications: NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
142-82-5	n-Heptane	ND		ug/m ³	7.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
110-54-3	n-Hexane	ND		ug/m ³	6.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
95-47-6	o-Xylene	ND		ug/m ³	7.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.9	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
115-07-1	* Propylene	62		ug/m ³	3.1	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
100-42-5	Styrene	ND		ug/m ³	7.7	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
127-18-4	Tetrachloroethylene	66		ug/m ³	12	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	18.01	EPA TO-15 Certifications:	07/19/2024 12:00	07/24/2024 00:35	LT
108-88-3	Toluene	20		ug/m ³	6.8	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.1	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.2	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
79-01-6	Trichloroethylene	1700	TO-LCS -L	ug/m ³	2.4	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-69-4	Trichlorofluoromethane (Freon 11)	2700		ug/m ³	10	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	6.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT



Sample Information

Client Sample ID: SV-5

York Sample ID: 24G1377-05

York Project (SDG) No.
24G1377

Client Project ID
24-0012 32-20 38th Ave 38-18 33rd St

Matrix
Soil Vapor

Collection Date/Time
July 19, 2024 12:00 am

Date Received
07/19/2024

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	7.9	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	2.3	18.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/19/2024 12:00	07/24/2024 00:35	LT



Analytical Batch Summary

Batch ID: BG41574 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G1377-01	SV-1	07/19/24
24G1377-04	SV-4	07/19/24
24G1377-05	SV-5	07/19/24
BG41574-BLK1	Blank	07/23/24
BG41574-BS1	LCS	07/23/24
BG41574-DUP1	Duplicate	07/23/24

Batch ID: BG41668 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G1377-02	SV-2	07/24/24
24G1377-03	SV-3	07/24/24
BG41668-BLK1	Blank	07/24/24
BG41668-BS1	LCS	07/24/24
BG41668-DUP1	Duplicate	07/24/24

Batch ID: BG41758 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G1377-01RE1	SV-1	07/19/24
BG41758-BLK1	Blank	07/26/24
BG41758-BS1	LCS	07/26/24



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 BG41574 - EPA TO15 PREP

Blank (BG41574-BLK1)

Prepared & Analyzed: 07/23/2024

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	1.1	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 BG41574 - EPA TO15 PREP

Blank (BG41574-BLK1)

Prepared & Analyzed: 07/23/2024

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	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 (BG41574-BS1)

Prepared & Analyzed: 07/23/2024

1,1,1,2-Tetrachloroethane	7.82		ppbv	10.0		78.2	70-130				
1,1,1-Trichloroethane	9.13		"	10.0		91.3	70-130				
1,1,2,2-Tetrachloroethane	7.71		"	10.0		77.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	70-130				
1,1,2-Trichloroethane	7.63		"	10.0		76.3	70-130				
1,1-Dichloroethane	8.43		"	10.0		84.3	70-130				
1,1-Dichloroethylene	8.41		"	10.0		84.1	70-130				
1,2,4-Trichlorobenzene	7.06		"	10.0		70.6	70-130				
1,2,4-Trimethylbenzene	8.77		"	10.0		87.7	70-130				
1,2-Dibromoethane	7.70		"	10.0		77.0	70-130				
1,2-Dichlorobenzene	8.08		"	10.0		80.8	70-130				
1,2-Dichloroethane	8.71		"	10.0		87.1	70-130				
1,2-Dichloropropane	7.24		"	10.0		72.4	70-130				
1,2-Dichlorotetrafluoroethane	7.75		"	10.0		77.5	70-130				
1,3,5-Trimethylbenzene	8.39		"	10.0		83.9	70-130				
1,3-Butadiene	6.79		"	10.0		67.9	70-130	Low Bias			
1,3-Dichlorobenzene	8.18		"	10.0		81.8	70-130				
1,3-Dichloropropane	7.23		"	10.0		72.3	70-130				
1,4-Dichlorobenzene	8.04		"	10.0		80.4	70-130				
1,4-Dioxane	7.88		"	10.0		78.8	70-130				
2,2,4-Trimethylpentane	8.75		"	10.0		87.5	70-130				
2-Butanone	8.29		"	10.0		82.9	70-130				
2-Hexanone	7.92		"	10.0		79.2	70-130				
3-Chloropropene	8.24		"	10.0		82.4	70-130				
4-Methyl-2-pentanone	7.21		"	10.0		72.1	70-130				
Acetone	9.96		"	10.0		99.6	70-130				
Acrylonitrile	10.0		"	10.0		100	70-130				
Benzene	8.38		"	10.0		83.8	70-130				
Benzyl chloride	7.81		"	10.0		78.1	70-130				
Bromodichloromethane	7.58		"	10.0		75.8	70-130				
Bromoform	9.11		"	10.0		91.1	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 BG41574 - EPA TO15 PREP

LCS (BG41574-BS1)

Prepared & Analyzed: 07/23/2024

Bromomethane	9.67		ppbv	10.0		96.7	70-130				
Carbon disulfide	8.48		"	10.0		84.8	70-130				
Carbon tetrachloride	8.90		"	10.0		89.0	70-130				
Chlorobenzene	7.63		"	10.0		76.3	70-130				
Chloroethane	9.12		"	10.0		91.2	70-130				
Chloroform	8.88		"	10.0		88.8	70-130				
Chloromethane	7.32		"	10.0		73.2	70-130				
cis-1,2-Dichloroethylene	9.11		"	10.0		91.1	70-130				
cis-1,3-Dichloropropylene	7.46		"	10.0		74.6	70-130				
Cyclohexane	8.59		"	10.0		85.9	70-130				
Dibromochloromethane	8.11		"	10.0		81.1	70-130				
Dichlorodifluoromethane	9.65		"	10.0		96.5	70-130				
Ethyl acetate	9.42		"	10.0		94.2	70-130				
Ethyl Benzene	7.74		"	10.0		77.4	70-130				
Hexachlorobutadiene	7.32		"	10.0		73.2	70-130				
Isopropanol	8.41		"	10.0		84.1	70-130				
Methyl Methacrylate	7.54		"	10.0		75.4	70-130				
Methyl tert-butyl ether (MTBE)	8.98		"	10.0		89.8	70-130				
Methylene chloride	8.06		"	10.0		80.6	70-130				
Naphthalene	7.05		"	10.0		70.5	70-130				
n-Heptane	8.66		"	10.0		86.6	70-130				
n-Hexane	8.59		"	10.0		85.9	70-130				
o-Xylene	8.01		"	10.0		80.1	70-130				
p- & m- Xylenes	16.4		"	20.0		82.0	70-130				
p-Ethyltoluene	9.12		"	10.0		91.2	70-130				
Propylene	8.56		"	10.0		85.6	70-130				
Styrene	8.70		"	10.0		87.0	70-130				
Tetrachloroethylene	8.29		"	10.0		82.9	70-130				
Tetrahydrofuran	8.30		"	10.0		83.0	70-130				
Toluene	7.20		"	10.0		72.0	70-130				
trans-1,2-Dichloroethylene	8.64		"	10.0		86.4	70-130				
trans-1,3-Dichloropropylene	7.62		"	10.0		76.2	70-130				
Trichloroethylene	6.84		"	10.0		68.4	70-130				Low Bias
Trichlorofluoromethane (Freon 11)	9.50		"	10.0		95.0	70-130				
Vinyl acetate	5.44		"	10.0		54.4	70-130				Low Bias
Vinyl bromide	9.87		"	10.0		98.7	70-130				
Vinyl Chloride	7.91		"	10.0		79.1	70-130				



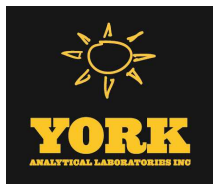
Volatile Organic Compounds in Air by GC/MS - Quality Control Data

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 BG41574 - EPA TO15 PREP

Duplicate (BG41574-DUP1)	*Source sample: 24G1322-07 (Duplicate)						Prepared: 07/23/2024 Analyzed: 07/24/2024				
1,1,1,2-Tetrachloroethane	ND	0.63	ug/m ³		ND						25
1,1,1-Trichloroethane	ND	0.50	"		ND						25
1,1,2,2-Tetrachloroethane	ND	0.63	"		ND						25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.70	"		ND						25
1,1,2-Trichloroethane	ND	0.50	"		ND						25
1,1-Dichloroethane	ND	0.37	"		ND						25
1,1-Dichloroethylene	ND	0.090	"		ND						25
1,2,4-Trichlorobenzene	ND	0.68	"		ND						25
1,2,4-Trimethylbenzene	2.1	0.45	"		2.2				4.17		25
1,2-Dibromoethane	ND	0.70	"		ND						25
1,2-Dichlorobenzene	ND	0.55	"		ND						25
1,2-Dichloroethane	ND	0.37	"		ND						25
1,2-Dichloropropane	ND	0.42	"		ND						25
1,2-Dichlorotetrafluoroethane	ND	0.64	"		ND						25
1,3,5-Trimethylbenzene	0.67	0.45	"		0.67				0.00		25
1,3-Butadiene	ND	0.60	"		ND						25
1,3-Dichlorobenzene	ND	0.55	"		ND						25
1,3-Dichloropropane	ND	0.42	"		ND						25
1,4-Dichlorobenzene	ND	0.55	"		ND						25
1,4-Dioxane	ND	0.66	"		ND						25
2,2,4-Trimethylpentane	0.72	0.21	"		0.72				0.00		25
2-Butanone	14	0.27	"		14				0.781		25
2-Hexanone	0.93	0.75	"		0.93				0.00		25
3-Chloropropene	ND	1.4	"		ND						25
4-Methyl-2-pentanone	0.60	0.37	"		0.52				13.3		25
Acetone	ND	0.43	"		230						25
Acrylonitrile	ND	0.20	"		0.24						25
Benzene	0.73	0.29	"		0.73				0.00		25
Benzyl chloride	ND	0.47	"		ND						25
Bromodichloromethane	ND	0.61	"		ND						25
Bromoform	ND	0.94	"		ND						25
Bromomethane	ND	0.35	"		ND						25
Carbon disulfide	ND	0.28	"		ND						25
Carbon tetrachloride	0.40	0.14	"		0.40				0.00		25
Chlorobenzene	ND	0.42	"		ND						25
Chloroethane	ND	0.24	"		ND						25
Chloroform	ND	0.44	"		ND						25
Chloromethane	1.5	0.19	"		1.5				1.23		25
cis-1,2-Dichloroethylene	ND	0.090	"		ND						25
cis-1,3-Dichloropropylene	ND	0.41	"		ND						25
Cyclohexane	0.88	0.31	"		0.85				3.64		25
Dibromochloromethane	ND	0.78	"		ND						25
Dichlorodifluoromethane	2.5	0.45	"		2.4				1.83		25
Ethyl acetate	5.0	0.66	"		4.8				2.68		25
Ethyl Benzene	3.1	0.40	"		3.2				1.26		25
Hexachlorobutadiene	ND	0.97	"		ND						25
Isopropanol	880	0.45	"		920				3.89		25
Methyl Methacrylate	0.63	0.37	"		ND						25
Methyl tert-butyl ether (MTBE)	ND	0.33	"		ND						25
Methylene chloride	0.79	0.63	"		0.79				0.00		25
Naphthalene	2.3	0.96	"		2.2				4.26		25



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

York Analytical Laboratories, Inc. - Stratford

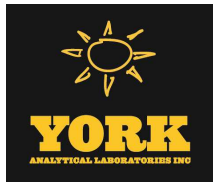
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41574 - EPA TO15 PREP

Duplicate (BG41574-DUP1)	*Source sample: 24G1322-07 (Duplicate)						Prepared: 07/23/2024 Analyzed: 07/24/2024				
n-Heptane	8.7	0.37	ug/m ³		8.7				0.428	25	
n-Hexane	6.6	0.32	"		6.5				1.47	25	
o-Xylene	3.4	0.40	"		3.4				0.00	25	
p- & m- Xylenes	12	0.79	"		12				0.676	25	
p-Ethyltoluene	2.6	0.45	"		2.7				1.68	25	
Propylene	ND	0.16	"		3.7					25	
Styrene	1.2	0.39	"		1.2				0.00	25	
Tetrachloroethylene	2.2	0.62	"		2.2				0.00	25	
Tetrahydrofuran	2.7	0.54	"		2.7				0.995	25	
Toluene	25	0.34	"		25				2.21	25	
trans-1,2-Dichloroethylene	ND	0.36	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.41	"		ND					25	
Trichloroethylene	0.15	0.12	"		0.20				28.6	25	Non-dir.
Trichlorofluoromethane (Freon 11)	1.5	0.51	"		1.5				3.39	25	
Vinyl acetate	ND	0.32	"		ND					25	
Vinyl bromide	ND	0.40	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	

Batch BG41668 - EPA TO15 PREP

Blank (BG41668-BLK1)	Prepared & Analyzed: 07/24/2024										
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	"								
2,2,4-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	1.2	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit								Limit	

Batch BG41668 - EPA TO15 PREP

Blank (BG41668-BLK1)

Prepared & Analyzed: 07/24/2024

Bromoform	ND	1.0	ug/m ³								
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	0.96	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	"								
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	"								



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 BG41668 - EPA TO15 PREP

LCS (BG41668-BS1)

Prepared & Analyzed: 07/24/2024

1,1,1,2-Tetrachloroethane	8.08		ppbv	10.0		80.8	70-130				
1,1,1-Trichloroethane	9.50		"	10.0		95.0	70-130				
1,1,2,2-Tetrachloroethane	7.68		"	10.0		76.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26		"	10.0		92.6	70-130				
1,1,2-Trichloroethane	7.81		"	10.0		78.1	70-130				
1,1-Dichloroethane	8.50		"	10.0		85.0	70-130				
1,1-Dichloroethylene	8.26		"	10.0		82.6	70-130				
1,2,4-Trichlorobenzene	6.65		"	10.0		66.5	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	70-130				
1,2-Dibromoethane	7.80		"	10.0		78.0	70-130				
1,2-Dichlorobenzene	8.02		"	10.0		80.2	70-130				
1,2-Dichloroethane	9.01		"	10.0		90.1	70-130				
1,2-Dichloropropane	7.34		"	10.0		73.4	70-130				
1,2-Dichlorotetrafluoroethane	8.03		"	10.0		80.3	70-130				
1,3,5-Trimethylbenzene	8.34		"	10.0		83.4	70-130				
1,3-Butadiene	6.53		"	10.0		65.3	70-130	Low Bias			
1,3-Dichlorobenzene	8.15		"	10.0		81.5	70-130				
1,3-Dichloropropane	7.38		"	10.0		73.8	70-130				
1,4-Dichlorobenzene	8.01		"	10.0		80.1	70-130				
1,4-Dioxane	7.93		"	10.0		79.3	70-130				
2,2,4-Trimethylpentane	8.95		"	10.0		89.5	70-130				
2-Butanone	8.32		"	10.0		83.2	70-130				
2-Hexanone	7.97		"	10.0		79.7	70-130				
3-Chloropropene	8.54		"	10.0		85.4	70-130				
4-Methyl-2-pentanone	7.21		"	10.0		72.1	70-130				
Acetone	5.86		"	10.0		58.6	70-130	Low Bias			
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	8.60		"	10.0		86.0	70-130				
Benzyl chloride	7.79		"	10.0		77.9	70-130				
Bromodichloromethane	7.81		"	10.0		78.1	70-130				
Bromoform	9.25		"	10.0		92.5	70-130				
Bromomethane	9.53		"	10.0		95.3	70-130				
Carbon disulfide	8.68		"	10.0		86.8	70-130				
Carbon tetrachloride	9.43		"	10.0		94.3	70-130				
Chlorobenzene	7.81		"	10.0		78.1	70-130				
Chloroethane	9.07		"	10.0		90.7	70-130				
Chloroform	9.18		"	10.0		91.8	70-130				
Chloromethane	7.05		"	10.0		70.5	70-130				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	7.72		"	10.0		77.2	70-130				
Cyclohexane	8.77		"	10.0		87.7	70-130				
Dibromochloromethane	8.33		"	10.0		83.3	70-130				
Dichlorodifluoromethane	9.42		"	10.0		94.2	70-130				
Ethyl acetate	9.47		"	10.0		94.7	70-130				
Ethyl Benzene	7.88		"	10.0		78.8	70-130				
Hexachlorobutadiene	7.05		"	10.0		70.5	70-130				
Isopropanol	8.33		"	10.0		83.3	70-130				
Methyl Methacrylate	7.70		"	10.0		77.0	70-130				
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	70-130				
Methylene chloride	8.18		"	10.0		81.8	70-130				
Naphthalene	6.53		"	10.0		65.3	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 BG41668 - EPA TO15 PREP

LCS (BG41668-BS1)

Prepared & Analyzed: 07/24/2024

n-Heptane	8.83		ppbv	10.0		88.3	70-130				
n-Hexane	8.85		"	10.0		88.5	70-130				
o-Xylene	8.12		"	10.0		81.2	70-130				
p- & m- Xylenes	16.4		"	20.0		82.0	70-130				
p-Ethyltoluene	9.07		"	10.0		90.7	70-130				
Propylene	8.37		"	10.0		83.7	70-130				
Styrene	8.88		"	10.0		88.8	70-130				
Tetrachloroethylene	8.64		"	10.0		86.4	70-130				
Tetrahydrofuran	8.45		"	10.0		84.5	70-130				
Toluene	7.27		"	10.0		72.7	70-130				
trans-1,2-Dichloroethylene	8.84		"	10.0		88.4	70-130				
trans-1,3-Dichloropropylene	7.82		"	10.0		78.2	70-130				
Trichloroethylene	6.94		"	10.0		69.4	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	9.49		"	10.0		94.9	70-130				
Vinyl acetate	6.00		"	10.0		60.0	70-130	Low Bias			
Vinyl bromide	9.78		"	10.0		97.8	70-130				
Vinyl Chloride	7.63		"	10.0		76.3	70-130				

Duplicate (BG41668-DUP1)

*Source sample: 24G1377-02 (SV-2)

Prepared & Analyzed: 07/24/2024

1,1,1,2-Tetrachloroethane	ND	1.2	ug/m ³		ND						25
1,1,1-Trichloroethane	ND	0.95	"		1.0						25
1,1,2,2-Tetrachloroethane	ND	1.2	"		1.6						25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		2.0						25
1,1,2-Trichloroethane	ND	0.95	"		ND						25
1,1-Dichloroethane	ND	0.71	"		0.78						25
1,1-Dichloroethylene	ND	0.17	"		0.69						25
1,2,4-Trichlorobenzene	1.9	1.3	"		2.7			33.3	25		Non-dir.
1,2,4-Trimethylbenzene	4.2	0.86	"		5.0			16.8	25		25
1,2-Dibromoethane	ND	1.3	"		ND						25
1,2-Dichlorobenzene	1.7	1.0	"		2.6			43.9	25		Non-dir.
1,2-Dichloroethane	ND	0.71	"		0.78						25
1,2-Dichloropropane	ND	0.81	"		ND						25
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND						25
1,3,5-Trimethylbenzene	2.5	0.86	"		3.3			26.9	25		Non-dir.
1,3-Butadiene	ND	1.2	"		ND						25
1,3-Dichlorobenzene	1.2	1.0	"		2.0			53.3	25		Non-dir.
1,3-Dichloropropane	ND	0.81	"		ND						25
1,4-Dichlorobenzene	1.3	1.0	"		2.1			50.0	25		Non-dir.
1,4-Dioxane	3.1	1.3	"		3.4			9.71	25		25
2,2,4-Trimethylpentane	0.24	0.41	"		0.90			114	25		Non-dir.
2-Butanone	1.8	0.51	"		2.4			27.2	25		Non-dir.
2-Hexanone	2.6	1.4	"		3.1			17.3	25		25
3-Chloropropene	ND	2.7	"		ND						25
4-Methyl-2-pentanone	3.1	0.71	"		3.6			15.1	25		25
Acetone	13	0.83	"		15			9.78	25		25
Acrylonitrile	ND	0.38	"		0.61						25
Benzene	ND	0.56	"		1.2						25
Benzyl chloride	ND	0.90	"		1.7						25
Bromodichloromethane	ND	1.2	"		ND						25
Bromoform	ND	1.8	"		ND						25
Bromomethane	ND	0.68	"		1.0						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 BG41668 - EPA TO15 PREP

Duplicate (BG41668-DUP1)

*Source sample: 24G1377-02 (SV-2)

Prepared & Analyzed: 07/24/2024

Carbon disulfide	0.87	0.54	ug/m ³		1.5				51.2	25	Non-dir.
Carbon tetrachloride	0.33	0.27	"		1.3				120	25	Non-dir.
Chlorobenzene	ND	0.80	"		0.88					25	
Chloroethane	ND	0.46	"		0.55					25	
Chloroform	ND	0.85	"		1.5					25	
Chloromethane	ND	0.36	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.17	"		0.69					25	
cis-1,3-Dichloropropylene	ND	0.79	"		ND					25	
Cyclohexane	ND	0.60	"		0.66					25	
Dibromochloromethane	ND	1.5	"		ND					25	
Dichlorodifluoromethane	2.7	0.86	"		2.7				0.00	25	
Ethyl acetate	ND	1.3	"		ND					25	
Ethyl Benzene	1.2	0.76	"		1.8				40.0	25	Non-dir.
Hexachlorobutadiene	4.1	1.9	"		5.6				30.8	25	Non-dir.
Isopropanol	3.5	0.86	"		4.5				24.6	25	
Methyl Methacrylate	ND	0.71	"		1.1					25	
Methyl tert-butyl ether (MTBE)	ND	0.63	"		0.69					25	
Methylene chloride	ND	1.2	"		1.3					25	
Naphthalene	2.8	1.8	"		3.6				22.9	25	
n-Heptane	ND	0.72	"		0.79					25	
n-Hexane	ND	0.62	"		0.80					25	
o-Xylene	2.0	0.76	"		2.8				31.2	25	Non-dir.
p- & m- Xylenes	5.0	1.5	"		6.1				20.4	25	
p-Ethyltoluene	3.3	0.86	"		4.2				22.7	25	
Propylene	ND	0.30	"		ND					25	
Styrene	0.97	0.74	"		1.5				42.4	25	Non-dir.
Tetrachloroethylene	2.2	1.2	"		3.4				41.7	25	Non-dir.
Tetrahydrofuran	ND	1.0	"		1.2					25	
Toluene	1.4	0.66	"		2.0				34.0	25	Non-dir.
trans-1,2-Dichloroethylene	ND	0.69	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.79	"		ND					25	
Trichloroethylene	ND	0.23	"		2.8					25	
Trichlorofluoromethane (Freon 11)	2.9	0.98	"		7.1				82.4	25	Non-dir.
Vinyl acetate	ND	0.61	"		ND					25	
Vinyl bromide	ND	0.76	"		0.84					25	
Vinyl Chloride	ND	0.22	"		0.40					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 BG41758 - EPA TO15 PREP

Blank (BG41758-BLK1)

Prepared & Analyzed: 07/26/2024

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	0.71	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	0.21	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 BG41758 - EPA TO15 PREP

Blank (BG41758-BLK1)

Prepared & Analyzed: 07/26/2024

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 (BG41758-BS1)

Prepared & Analyzed: 07/26/2024

1,1,1,2-Tetrachloroethane	7.57		ppbv	10.0		75.7	70-130				
1,1,1-Trichloroethane	9.01		"	10.0		90.1	70-130				
1,1,2,2-Tetrachloroethane	7.31		"	10.0		73.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.77		"	10.0		87.7	70-130				
1,1,2-Trichloroethane	7.12		"	10.0		71.2	70-130				
1,1-Dichloroethane	8.17		"	10.0		81.7	70-130				
1,1-Dichloroethylene	7.97		"	10.0		79.7	70-130				
1,2,4-Trichlorobenzene	6.43		"	10.0		64.3	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.23		"	10.0		82.3	70-130				
1,2-Dibromoethane	7.25		"	10.0		72.5	70-130				
1,2-Dichlorobenzene	7.60		"	10.0		76.0	70-130				
1,2-Dichloroethane	8.61		"	10.0		86.1	70-130				
1,2-Dichloropropane	6.74		"	10.0		67.4	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	8.71		"	10.0		87.1	70-130				
1,3,5-Trimethylbenzene	7.89		"	10.0		78.9	70-130				
1,3-Butadiene	7.19		"	10.0		71.9	70-130				
1,3-Dichlorobenzene	7.73		"	10.0		77.3	70-130				
1,3-Dichloropropane	6.84		"	10.0		68.4	70-130	Low Bias			
1,4-Dichlorobenzene	7.54		"	10.0		75.4	70-130				
1,4-Dioxane	7.59		"	10.0		75.9	70-130				
2,2,4-Trimethylpentane	8.62		"	10.0		86.2	70-130				
2-Butanone	7.96		"	10.0		79.6	70-130				
2-Hexanone	7.35		"	10.0		73.5	70-130				
3-Chloropropene	8.18		"	10.0		81.8	70-130				
4-Methyl-2-pentanone	6.79		"	10.0		67.9	70-130	Low Bias			
Acetone	9.55		"	10.0		95.5	70-130				
Acrylonitrile	9.93		"	10.0		99.3	70-130				
Benzene	8.35		"	10.0		83.5	70-130				
Benzyl chloride	7.29		"	10.0		72.9	70-130				
Bromodichloromethane	7.18		"	10.0		71.8	70-130				
Bromoform	8.69		"	10.0		86.9	70-130				
Bromomethane	8.89		"	10.0		88.9	70-130				



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

York Analytical Laboratories, Inc. - Stratford

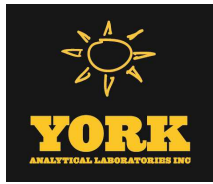
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG41758 - EPA TO15 PREP

LCS (BG41758-BS1)

Prepared & Analyzed: 07/26/2024

Carbon disulfide	8.27		ppbv	10.0		82.7	70-130				
Carbon tetrachloride	8.91		"	10.0		89.1	70-130				
Chlorobenzene	7.32		"	10.0		73.2	70-130				
Chloroethane	8.47		"	10.0		84.7	70-130				
Chloroform	8.75		"	10.0		87.5	70-130				
Chloromethane	8.17		"	10.0		81.7	70-130				
cis-1,2-Dichloroethylene	8.79		"	10.0		87.9	70-130				
cis-1,3-Dichloropropylene	7.25		"	10.0		72.5	70-130				
Cyclohexane	8.56		"	10.0		85.6	70-130				
Dibromochloromethane	7.67		"	10.0		76.7	70-130				
Dichlorodifluoromethane	8.62		"	10.0		86.2	70-130				
Ethyl acetate	9.04		"	10.0		90.4	70-130				
Ethyl Benzene	7.53		"	10.0		75.3	70-130				
Hexachlorobutadiene	6.50		"	10.0		65.0	70-130	Low Bias			
Isopropanol	8.63		"	10.0		86.3	70-130				
Methyl Methacrylate	7.10		"	10.0		71.0	70-130				
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	70-130				
Methylene chloride	7.72		"	10.0		77.2	70-130				
Naphthalene	6.31		"	10.0		63.1	70-130	Low Bias			
n-Heptane	8.53		"	10.0		85.3	70-130				
n-Hexane	8.67		"	10.0		86.7	70-130				
o-Xylene	7.61		"	10.0		76.1	70-130				
p- & m- Xylenes	15.4		"	20.0		76.9	70-130				
p-Ethyltoluene	8.47		"	10.0		84.7	70-130				
Propylene	7.63		"	10.0		76.3	70-130				
Styrene	8.26		"	10.0		82.6	70-130				
Tetrachloroethylene	7.89		"	10.0		78.9	70-130				
Tetrahydrofuran	8.06		"	10.0		80.6	70-130				
Toluene	6.83		"	10.0		68.3	70-130	Low Bias			
trans-1,2-Dichloroethylene	8.33		"	10.0		83.3	70-130				
trans-1,3-Dichloropropylene	7.26		"	10.0		72.6	70-130				
Trichloroethylene	6.47		"	10.0		64.7	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	8.86		"	10.0		88.6	70-130				
Vinyl acetate	5.89		"	10.0		58.9	70-130	Low Bias			
Vinyl bromide	9.25		"	10.0		92.5	70-130				
Vinyl Chloride	8.34		"	10.0		83.4	70-130				





Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.



YORK Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615

clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No.

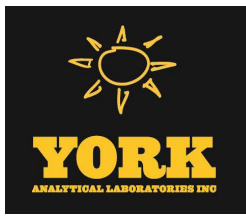
2461377

This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Vektor Consultants	Company: [Blank]	Company: [Blank]	Company: [Blank]	Company: [Blank]	Company: [Blank]	Company: [Blank]	24-0012	RUSH - Next Day	
Address: 37 W 37 St	Address: [Blank]	Address: [Blank]	Address: [Blank]	Address: [Blank]	Address: [Blank]	Address: [Blank]		RUSH - Two Day	
Phone: 716 868 8873	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]		RUSH - Three Day	
Contact: Ezi Katay	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]		RUSH - Four Day	
E-mail: Ezi@vektorconsultants.com	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]		Standard (5-7 Day)	X
Air Matrix Codes		Report / EDD Type (circle selections)		Report / EDD Type (circle selections)		YORK Reg. Comp.		Compared to the following Regulation(s): (please fill in)	
AI - Indoor Ambient Air	AO - Outdoor Amb. Air	AE - Vapor Extraction Well/ Process Gas/Effluent	AS - Soil Vapor/Sub-Slab	Summary Report	CT RCP	Standard Excel EDD			
				QA Report	CT RCP DQA/DUE	EQulS (Standard)			
				NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQulS			
				NY ASP B Package	NJDKQP	NJDEP SRP HazSite			
				Other:					
Samples Collected by: (print your name above and sign below)		Antonio Cardenas		AP Vektor Consultants, Inc		YOUR PO#:			
[Signature]		[Signature]		[Signature]					
Certified Canisters: Batch Individual		Report / EDD Type (circle selections)		Report / EDD Type (circle selections)		YORK Reg. Comp.		Compared to the following Regulation(s): (please fill in)	
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Flow Cont. ID	Analysis Requested			
SV-1	7/19/24	AS	-30	-6	16420	70-15			
SV-2	↓	↓	-30	-9	20232	70-15			
SV-3	↓	↓	-30	-6	73794	70-15			
SV-4	↓	↓	-30	-6	41847	70-15			
SV-5	↓	↓	-30	-7	13556	70-15			
Comments:									
Samples Relinquished by / Company		Samples Relinquished by / Company		Samples Relinquished by / Company		Detection Limits Required		Sampling Media	
Antonio Cardenas / Vektor Consultants 7/19/24		Antonio Cardenas / Vektor Consultants 7/19/24		Antonio Cardenas / Vektor Consultants 7/19/24		≤ 1 ug/m ³ Routine Survey NYSDC V1 Limits		6 Liter Canister	
[Signature]		[Signature]		[Signature]		Other		Tedlar Bag	
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time	
7/19/24		7/19/24		7/19/24		1400		7/19/24	
1400		1400		1400				1400	



Technical Report

prepared for:

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

Report Date: 08/19/2024
Client Project ID: 24-0012 32-20 38th Ave & 38-18 33rd St
York Project (SDG) No.: 24H0587

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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/19/2024
Client Project ID: 24-0012 32-20 38th Ave & 38-18 33rd St
York Project (SDG) No.: 24H0587

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 August 08, 2024 and listed below. The project was identified as your project: **24-0012 32-20 38th Ave & 38-18 33rd St**.

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>
24H0587-01	SV-1D	Soil Vapor	08/08/2024	08/08/2024
24H0587-02	SV-10S	Soil Vapor	08/08/2024	08/08/2024
24H0587-03	SV-10D	Soil Vapor	08/08/2024	08/08/2024
24H0587-04	SV-6	Soil Vapor	08/08/2024	08/08/2024
24H0587-05	SV-7	Soil Vapor	08/08/2024	08/08/2024
24H0587-06	SV-8	Soil Vapor	08/08/2024	08/08/2024
24H0587-07	SV-9	Soil Vapor	08/08/2024	08/08/2024
24H0587-08	SV-5D	Soil Vapor	08/08/2024	08/08/2024
24H0587-09	SV-11S	Soil Vapor	08/08/2024	08/08/2024
24H0587-10	SV-11D	Soil Vapor	08/08/2024	08/08/2024
24H0587-11	SV-12S	Soil Vapor	08/08/2024	08/08/2024
24H0587-12	SV-12D	Soil Vapor	08/08/2024	08/08/2024

General Notes for York Project (SDG) No.: 24H0587

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.

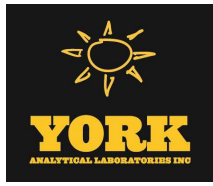
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 08/19/2024





Sample Information

Client Sample ID: SV-1D

York Sample ID: 24H0587-01

York Project (SDG) No.
24H0587

Client Project ID
24-0012 32-20 38th Ave & 38-18 33rd St

Matrix
Soil Vapor

Collection Date/Time
August 8, 2024 12:25 pm

Date Received
08/08/2024

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	12	17.55	EPA TO-15	08/13/2024 12:00	08/14/2024 05:25	YR
71-55-6	1,1,1-Trichloroethane	28	TO-CC V, TO-LCS -H	ug/m ³	9.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	79	TO-LCS -H	ug/m ³	13	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.1	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.7	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.1	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.1	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
76-14-2	1,2-Dichlorotetrafluoroethane	18	TO-LCS -H	ug/m ³	12	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	12	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
142-28-9	1,3-Dichloropropane	ND		ug/m ³	8.1	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	13	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR



Sample Information

Client Sample ID: SV-1D

York Sample ID: 24H0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	4.1	17.55	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 05:25	YR
78-93-3	2-Butanone	ND		ug/m ³	5.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
591-78-6	2-Hexanone	ND		ug/m ³	14	17.55	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 05:25	YR
107-05-1	3-Chloropropene	ND		ug/m ³	27	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
67-64-1	Acetone	18	B	ug/m ³	8.3	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.8	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
71-43-2	Benzene	ND		ug/m ³	5.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
100-44-7	Benzyl chloride	ND		ug/m ³	9.1	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	12	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-25-2	Bromoform	ND		ug/m ³	18	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
74-83-9	Bromomethane	ND		ug/m ³	6.8	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-15-0	Carbon disulfide	6.6		ug/m ³	5.5	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
56-23-5	Carbon tetrachloride	11	TO-CC V, TO-LCS -H	ug/m ³	2.8	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
108-90-7	Chlorobenzene	ND		ug/m ³	8.1	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-00-3	Chloroethane	ND		ug/m ³	4.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
67-66-3	Chloroform	280	TO-CC V, TO-LCS -H	ug/m ³	8.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
74-87-3	Chloromethane	ND		ug/m ³	3.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
156-59-2	cis-1,2-Dichloroethylene	190		ug/m ³	1.7	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.0	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR



Sample Information

Client Sample ID: SV-1D

York Sample ID: 24H0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	6.0	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	15	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-71-8	Dichlorodifluoromethane	330	TO-CC V, TO-LCS -H	ug/m ³	8.7	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
141-78-6	Ethyl acetate	ND		ug/m ³	13	17.55	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 05:25	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	7.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
67-63-0	Isopropanol	12	B	ug/m ³	8.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.3	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-09-2	Methylene chloride	ND		ug/m ³	12	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
91-20-3	Naphthalene	ND		ug/m ³	18	17.55	EPA TO-15 Certifications: NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
142-82-5	n-Heptane	ND		ug/m ³	7.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
110-54-3	n-Hexane	ND		ug/m ³	6.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
95-47-6	o-Xylene	ND		ug/m ³	7.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
622-96-8	p-Ethyltoluene	ND		ug/m ³	8.6	17.55	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 05:25	YR
115-07-1	Propylene	3.0		ug/m ³	3.0	17.55	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 05:25	YR
100-42-5	Styrene	ND		ug/m ³	7.5	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
127-18-4	Tetrachloroethylene	22000	TO-CC V	ug/m ³	460	673.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/19/2024 15:42	YR
109-99-9	Tetrahydrofuran	ND		ug/m ³	10	17.55	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 05:25	YR
108-88-3	Toluene	ND		ug/m ³	6.6	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR





Sample Information

Client Sample ID: SV-1D

York Sample ID: 24H0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	40		ug/m ³	7.0	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.0	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
79-01-6	Trichloroethylene	62000		ug/m ³	90	673.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/19/2024 15:42	YR
75-69-4	Trichlorofluoromethane (Freon 11)	9800	TO-CC V	ug/m ³	380	673.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/19/2024 15:42	YR
108-05-4	Vinyl acetate	ND		ug/m ³	6.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
593-60-2	Vinyl bromide	ND		ug/m ³	7.7	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.2	17.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 05:25	YR





Sample Information

Client Sample ID: SV-10S

York Sample ID: 24H0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:19 pm

08/08/2024

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	13	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
71-55-6	1,1,1-Trichloroethane	27	TO-CC V, TO-LCS -H	ug/m ³	10	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	120	TO-LCS -H	ug/m ³	14	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	10	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.5	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	14	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.2	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.5	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
76-14-2	1,2-Dichlorotetrafluoroethane	25	TO-LCS -H	ug/m ³	13	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.2	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	12	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
142-28-9	1,3-Dichloropropane	ND		ug/m ³	8.6	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	13	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	4.4	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR



Sample Information

Client Sample ID: SV-10S

York Sample ID: 24H0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:19 pm

08/08/2024

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	ND		ug/m ³	5.5	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
591-78-6	2-Hexanone	ND		ug/m ³	15	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
107-05-1	3-Chloropropene	ND		ug/m ³	29	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
67-64-1	Acetone	82	B	ug/m ³	8.9	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
107-13-1	Acrylonitrile	5.3		ug/m ³	4.0	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
71-43-2	Benzene	ND		ug/m ³	6.0	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
100-44-7	Benzyl chloride	ND		ug/m ³	9.7	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	12	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-25-2	Bromoform	ND		ug/m ³	19	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
74-83-9	Bromomethane	ND		ug/m ³	7.2	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-15-0	Carbon disulfide	ND		ug/m ³	5.8	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
56-23-5	Carbon tetrachloride	15	TO-CC V, TO-LCS -H	ug/m ³	2.9	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
108-90-7	Chlorobenzene	ND		ug/m ³	8.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-00-3	Chloroethane	ND		ug/m ³	4.9	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
67-66-3	Chloroform	150	TO-CC V, TO-LCS -H	ug/m ³	9.1	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
74-87-3	Chloromethane	ND		ug/m ³	3.9	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
156-59-2	cis-1,2-Dichloroethylene	12		ug/m ³	1.8	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.5	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
110-82-7	Cyclohexane	ND		ug/m ³	6.4	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR





Sample Information

Client Sample ID: SV-10S

York Sample ID: 24H0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:19 pm

08/08/2024

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	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-71-8	Dichlorodifluoromethane	420	TO-CC V, TO-LCS -H	ug/m ³	9.2	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
141-78-6	Ethyl acetate	ND		ug/m ³	13	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	8.1	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	20	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
67-63-0	Isopropanol	13	B	ug/m ³	9.2	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.7	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-09-2	Methylene chloride	ND		ug/m ³	13	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
91-20-3	Naphthalene	ND		ug/m ³	20	18.65	EPA TO-15 Certifications: NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
142-82-5	n-Heptane	ND		ug/m ³	7.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
110-54-3	n-Hexane	ND		ug/m ³	6.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
95-47-6	o-Xylene	ND		ug/m ³	8.1	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
622-96-8	p-Ethyltoluene	ND		ug/m ³	9.2	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
115-07-1	Propylene	6.4		ug/m ³	3.2	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
100-42-5	Styrene	ND		ug/m ³	7.9	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
127-18-4	Tetrachloroethylene	13000		ug/m ³	68	99.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 17:45	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	11	18.65	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:05	YR
108-88-3	Toluene	ND		ug/m ³	7.0	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
156-60-5	trans-1,2-Dichloroethylene	7.4		ug/m ³	7.4	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR



Sample Information

Client Sample ID: SV-10S

York Sample ID: 24H0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:19 pm

08/08/2024

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	8.5	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
79-01-6	Trichloroethylene	18000	B	ug/m ³	13	99.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 17:45	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	14000		ug/m ³	56	99.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 17:45	DRP
				TO-CC V, TO-LCS -H						
108-05-4	Vinyl acetate	ND		ug/m ³	6.6	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
593-60-2	Vinyl bromide	ND		ug/m ³	8.2	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.4	18.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:05	YR



Sample Information

Client Sample ID: SV-10D

York Sample ID: 24H0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:06 pm

08/08/2024

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	13	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
71-55-6	1,1,1-Trichloroethane	22	TO-CC V, TO-LCS -H	ug/m ³	9.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	120	TO-LCS -H	ug/m ³	14	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	14	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.0	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
76-14-2	1,2-Dichlorotetrafluoroethane	22	TO-LCS -H	ug/m ³	13	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.0	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	12	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
142-28-9	1,3-Dichloropropane	ND		ug/m ³	8.4	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	13	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	4.3	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR



Sample Information

Client Sample ID: SV-10D

York Sample ID: 24H0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:06 pm

08/08/2024

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	ND		ug/m ³	5.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
591-78-6	2-Hexanone	ND		ug/m ³	15	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
107-05-1	3-Chloropropene	ND		ug/m ³	28	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.5	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
67-64-1	Acetone	16	B	ug/m ³	8.7	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
107-13-1	Acrylonitrile	ND		ug/m ³	4.0	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
71-43-2	Benzene	7.6		ug/m ³	5.8	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
100-44-7	Benzyl chloride	ND		ug/m ³	9.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	12	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-25-2	Bromoform	ND		ug/m ³	19	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
74-83-9	Bromomethane	ND		ug/m ³	7.1	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-15-0	Carbon disulfide	11		ug/m ³	5.7	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
56-23-5	Carbon tetrachloride	11	TO-CC V, TO-LCS -H	ug/m ³	2.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
108-90-7	Chlorobenzene	ND		ug/m ³	8.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-00-3	Chloroethane	ND		ug/m ³	4.8	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
67-66-3	Chloroform	130	TO-CC V, TO-LCS -H	ug/m ³	8.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
74-87-3	Chloromethane	ND		ug/m ³	3.8	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
156-59-2	cis-1,2-Dichloroethylene	8.7		ug/m ³	1.8	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.3	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
110-82-7	Cyclohexane	ND		ug/m ³	6.3	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR



Sample Information

Client Sample ID: SV-10D

York Sample ID: 24H0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:06 pm

08/08/2024

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	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-71-8	Dichlorodifluoromethane	370	TO-CC V, TO-LCS -H	ug/m ³	9.0	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
141-78-6	Ethyl acetate	ND		ug/m ³	13	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	7.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
67-63-0	Isopropanol	11	B	ug/m ³	9.0	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.5	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.6	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-09-2	Methylene chloride	ND		ug/m ³	13	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
91-20-3	Naphthalene	ND		ug/m ³	19	18.21	EPA TO-15 Certifications: NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
142-82-5	n-Heptane	ND		ug/m ³	7.5	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
110-54-3	n-Hexane	ND		ug/m ³	6.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
95-47-6	o-Xylene	ND		ug/m ³	7.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
622-96-8	p-Ethyltoluene	ND		ug/m ³	9.0	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
115-07-1	Propylene	13		ug/m ³	3.1	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
100-42-5	Styrene	ND		ug/m ³	7.8	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
127-18-4	Tetrachloroethylene	12000		ug/m ³	66	97.496	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 18:26	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	11	18.21	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 06:45	YR
108-88-3	Toluene	ND		ug/m ³	6.9	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.2	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR





Sample Information

Client Sample ID: SV-10D

York Sample ID: 24H0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:06 pm

08/08/2024

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	8.3	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
79-01-6	Trichloroethylene	18000	B	ug/m ³	13	97.496	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 18:26	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	14000	TO-CC V, TO-LCS -H	ug/m ³	55	97.496	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 18:26	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	6.4	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
593-60-2	Vinyl bromide	18		ug/m ³	8.0	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.3	18.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 06:45	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24H0587-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:57 am

08/08/2024

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	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
71-55-6	1,1,1-Trichloroethane	12	TO-CC V, TO-LCS -H	ug/m ³	9.0	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		ug/m ³	13	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.0	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.7	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.1	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.9	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.7	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.1	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.9	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.6	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.9	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	3.9	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24H0587-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:57 am

08/08/2024

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	27	B	ug/m ³	4.9	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
591-78-6	2-Hexanone	ND		ug/m ³	14	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
108-10-1	4-Methyl-2-pentanone	8.1		ug/m ³	6.8	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
67-64-1	Acetone	110	B	ug/m ³	7.9	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
71-43-2	Benzene	5.3		ug/m ³	5.3	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
100-44-7	Benzyl chloride	ND		ug/m ³	8.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-25-2	Bromoform	ND		ug/m ³	17	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
74-83-9	Bromomethane	ND		ug/m ³	6.4	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-15-0	Carbon disulfide	16		ug/m ³	5.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
56-23-5	Carbon tetrachloride	7.3	TO-CC V, TO-LCS -H	ug/m ³	2.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-00-3	Chloroethane	ND		ug/m ³	4.4	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
67-66-3	Chloroform	69	TO-CC V, TO-LCS -H	ug/m ³	8.1	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.7	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24H0587-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:57 am

08/08/2024

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	14	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-71-8	Dichlorodifluoromethane	50	TO-CC V, TO-LCS -H	ug/m ³	8.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
141-78-6	Ethyl acetate	ND		ug/m ³	12	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	7.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
67-63-0	Isopropanol	13	B	ug/m ³	8.1	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.8	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.0	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
91-20-3	Naphthalene	ND		ug/m ³	17	16.54	EPA TO-15 Certifications: NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
142-82-5	n-Heptane	ND		ug/m ³	6.8	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
110-54-3	n-Hexane	ND		ug/m ³	5.8	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
95-47-6	o-Xylene	ND		ug/m ³	7.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
622-96-8	p-Ethyltoluene	ND		ug/m ³	8.1	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
115-07-1	Propylene	8.0		ug/m ³	2.8	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
100-42-5	Styrene	ND		ug/m ³	7.0	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
127-18-4	Tetrachloroethylene	5300		ug/m ³	11	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.8	16.54	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 09:35	YR
108-88-3	Toluene	ND		ug/m ³	6.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.6	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR



Sample Information

Client Sample ID: SV-6

York Sample ID: 24H0587-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:57 am

08/08/2024

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	7.5	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
79-01-6	Trichloroethylene	2100		ug/m ³	2.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1900	TO-CC V, TO-LCS -H	ug/m ³	9.3	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.8	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
593-60-2	Vinyl bromide	ND		ug/m ³	7.2	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 09:35	YR



Sample Information

Client Sample ID: SV-7

York Sample ID: 24H0587-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:50 am

08/08/2024

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	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR
71-55-6	1,1,1-Trichloroethane	18	TO-CC V, TO-LCS -H	ug/m ³	8.4	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.4	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.1	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.1	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	11	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	3.6	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR



Sample Information

Client Sample ID: SV-7

York Sample ID: 24H0587-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:50 am

08/08/2024

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	ND		ug/m ³	4.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
591-78-6	2-Hexanone	ND		ug/m ³	13	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
67-64-1	Acetone	22	B	ug/m ³	7.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
71-43-2	Benzene	ND		ug/m ³	4.9	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
100-44-7	Benzyl chloride	ND		ug/m ³	8.0	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-25-2	Bromoform	ND		ug/m ³	16	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
74-83-9	Bromomethane	ND		ug/m ³	6.0	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-15-0	Carbon disulfide	5.3		ug/m ³	4.8	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
108-90-7	Chlorobenzene	ND		ug/m ³	7.1	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-00-3	Chloroethane	ND		ug/m ³	4.1	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
67-66-3	Chloroform	32	TO-CC V, TO-LCS -H	ug/m ³	7.5	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
156-59-2	cis-1,2-Dichloroethylene	8.6		ug/m ³	1.5	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.0	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
110-82-7	Cyclohexane	ND		ug/m ³	5.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR



Sample Information

Client Sample ID: SV-7

York Sample ID: 24H0587-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:50 am

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	26	TO-CC V, TO-LCS -H	ug/m ³	7.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
141-78-6	Ethyl acetate	ND		ug/m ³	11	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	6.7	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
67-63-0	Isopropanol	9.5	B	ug/m ³	7.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-09-2	Methylene chloride	ND		ug/m ³	11	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
91-20-3	Naphthalene	ND		ug/m ³	16	15.43	EPA TO-15 Certifications: NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
142-82-5	n-Heptane	ND		ug/m ³	6.3	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
110-54-3	n-Hexane	ND		ug/m ³	5.4	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
95-47-6	o-Xylene	ND		ug/m ³	6.7	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	13	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
622-96-8	p-Ethyltoluene	ND		ug/m ³	7.6	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR
115-07-1	Propylene	2.7		ug/m ³	2.7	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR
100-42-5	Styrene	ND		ug/m ³	6.6	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
127-18-4	Tetrachloroethylene	15000		ug/m ³	56	82.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 19:07	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.1	15.43	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:16	YR
108-88-3	Toluene	ND		ug/m ³	5.8	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
156-60-5	trans-1,2-Dichloroethylene	8.0		ug/m ³	6.1	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.0	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR





Sample Information

Client Sample ID: SV-7

York Sample ID: 24H0587-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 11:50 am

08/08/2024

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
79-01-6	Trichloroethylene	5200	B	ug/m ³	11	82.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/15/2024 19:07	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	780	TO-CC V, TO-LCS -H	ug/m ³	8.7	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
593-60-2	Vinyl bromide	ND		ug/m ³	6.7	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:16	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24H0587-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:33 pm

08/08/2024

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	14	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
71-55-6	1,1,1-Trichloroethane	13		ug/m ³	11	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		ug/m ³	15	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	2.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.8	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.2	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.8	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	13	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
142-28-9	1,3-Dichloropropane	ND		ug/m ³	9.2	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	14	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	4.6	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
78-93-3	2-Butanone	ND		ug/m ³	5.9	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24H0587-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:33 pm

08/08/2024

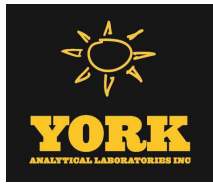
Volatile Organics, EPA TO15 Full List

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	16	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
107-05-1	3-Chloropropene	ND		ug/m ³	31	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.1	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
67-64-1	Acetone	440	B	ug/m ³	9.4	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
107-13-1	Acrylonitrile	6.9		ug/m ³	4.3	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
71-43-2	Benzene	8.3		ug/m ³	6.3	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
100-44-7	Benzyl chloride	ND		ug/m ³	10	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	13	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-25-2	Bromoform	ND		ug/m ³	21	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
74-83-9	Bromomethane	ND		ug/m ³	7.7	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-15-0	Carbon disulfide	7.4		ug/m ³	6.2	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
56-23-5	Carbon tetrachloride	3.8		ug/m ³	3.1	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
108-90-7	Chlorobenzene	ND		ug/m ³	9.1	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-00-3	Chloroethane	ND		ug/m ³	5.2	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
67-66-3	Chloroform	180		ug/m ³	9.7	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
74-87-3	Chloromethane	ND		ug/m ³	4.1	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
156-59-2	cis-1,2-Dichloroethylene	230		ug/m ³	2.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
110-82-7	Cyclohexane	ND		ug/m ³	6.8	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	17	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-71-8	Dichlorodifluoromethane	160		ug/m ³	9.8	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
141-78-6	Ethyl acetate	ND		ug/m ³	14	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24H0587-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:33 pm

08/08/2024

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	8.6	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
67-63-0	Isopropanol	23	B	ug/m ³	9.8	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.1	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.2	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-09-2	Methylene chloride	ND		ug/m ³	14	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
91-20-3	Naphthalene	ND		ug/m ³	21	19.87	EPA TO-15 Certifications: NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
142-82-5	n-Heptane	ND		ug/m ³	8.1	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
110-54-3	n-Hexane	ND		ug/m ³	7.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
95-47-6	o-Xylene	ND		ug/m ³	8.6	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	17	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
622-96-8	p-Ethyltoluene	ND		ug/m ³	9.8	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
115-07-1	Propylene	ND		ug/m ³	3.4	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
100-42-5	Styrene	ND		ug/m ³	8.5	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
127-18-4	Tetrachloroethylene	44000		ug/m ³	520	762.382	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/16/2024 15:35	YR
109-99-9	Tetrahydrofuran	ND		ug/m ³	12	19.87	EPA TO-15 Certifications:	08/13/2024 12:00	08/14/2024 10:57	YR
108-88-3	Toluene	ND		ug/m ³	7.5	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
156-60-5	trans-1,2-Dichloroethylene	47		ug/m ³	7.9	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
79-01-6	Trichloroethylene	130000		ug/m ³	100	762.382	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/16/2024 15:35	YR
75-69-4	Trichlorofluoromethane (Freon 11)	2000		ug/m ³	11	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
108-05-4	Vinyl acetate	ND		ug/m ³	7.0	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24H0587-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:33 pm

08/08/2024

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	8.7	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	2.5	19.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2024 12:00	08/14/2024 10:57	YR



Sample Information

Client Sample ID: SV-9

York Sample ID: 24H0587-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:36 pm

08/08/2024

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:	08/15/2024 07:00	08/15/2024 20:29	DRP
71-55-6	1,1,1-Trichloroethane	15	TO-CC V, TO-LCS -H	ug/m ³	8.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		ug/m ³	12	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
95-63-6	1,2,4-Trimethylbenzene	8.8		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	13		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
108-67-8	1,3,5-Trimethylbenzene	8.8		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.5	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	3.8	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP



Sample Information

Client Sample ID: SV-9

York Sample ID: 24H0587-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:36 pm

08/08/2024

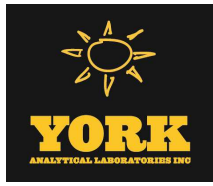
Volatile Organics, EPA TO15 Full List

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	4.8	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
591-78-6	2-Hexanone	ND		ug/m ³	13	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP
107-05-1	3-Chloropropene	ND		ug/m ³	25	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
67-64-1	Acetone	51		ug/m ³	7.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
71-43-2	Benzene	6.2		ug/m ³	5.2	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
100-44-7	Benzyl chloride	ND		ug/m ³	8.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-25-2	Bromoform	ND		ug/m ³	17	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
74-83-9	Bromomethane	ND		ug/m ³	6.3	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-15-0	Carbon disulfide	12		ug/m ³	5.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
56-23-5	Carbon tetrachloride	5.1	TO-CC V, TO-LCS -H	ug/m ³	2.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
108-90-7	Chlorobenzene	ND		ug/m ³	7.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-00-3	Chloroethane	ND		ug/m ³	4.3	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
67-66-3	Chloroform	32	TO-LCS -H	ug/m ³	7.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
110-82-7	Cyclohexane	ND		ug/m ³	5.6	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP



Sample Information

Client Sample ID: SV-9

York Sample ID: 24H0587-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:36 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	210	TO-CC V, TO-LCS -H	ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
141-78-6	Ethyl acetate	ND		ug/m ³	12	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP
100-41-4	Ethyl Benzene	ND		ug/m ³	7.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
67-63-0	Isopropanol	ND		ug/m ³	8.0	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-09-2	Methylene chloride	ND		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
91-20-3	Naphthalene	ND		ug/m ³	17	16.27	EPA TO-15 Certifications: NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
142-82-5	n-Heptane	ND		ug/m ³	6.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
110-54-3	n-Hexane	ND		ug/m ³	5.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
95-47-6	o-Xylene	ND		ug/m ³	7.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
622-96-8	p-Ethyltoluene	8.0		ug/m ³	8.0	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP
115-07-1	Propylene	8.4		ug/m ³	2.8	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP
100-42-5	Styrene	ND		ug/m ³	6.9	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
127-18-4	Tetrachloroethylene	170		ug/m ³	11	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.6	16.27	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 20:29	DRP
108-88-3	Toluene	ND		ug/m ³	6.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.5	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.4	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP



Sample Information

Client Sample ID: SV-9

York Sample ID: 24H0587-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:36 pm

08/08/2024

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
79-01-6	Trichloroethylene	1800	B	ug/m ³	2.2	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	8000	TO-CC V, TO-LCS -H	ug/m ³	18	32.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:10	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	5.7	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
593-60-2	Vinyl bromide	ND		ug/m ³	7.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 20:29	DRP





Sample Information

Client Sample ID: SV-5D

York Sample ID: 24H0587-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.8	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	69		ug/m ³	12	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.8	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.5	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.7	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.5	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.5	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
106-99-0	1,3-Butadiene	84		ug/m ³	11	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.7	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.5	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.7	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
540-84-1	2,2,4-Trimethylpentane	3.8		ug/m ³	3.8	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
78-93-3	2-Butanone	28		ug/m ³	4.8	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP



Sample Information

Client Sample ID: SV-5D

York Sample ID: 24H0587-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	17		ug/m ³	13	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
107-05-1	3-Chloropropene	31		ug/m ³	25	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
108-10-1	4-Methyl-2-pentanone	8.6		ug/m ³	6.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
67-64-1	Acetone	100		ug/m ³	7.7	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
71-43-2	Benzene	46		ug/m ³	5.2	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
100-44-7	Benzyl chloride	ND		ug/m ³	8.4	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-25-2	Bromoform	ND		ug/m ³	17	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
74-83-9	Bromomethane	ND		ug/m ³	6.3	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-15-0	Carbon disulfide	68		ug/m ³	5.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
56-23-5	Carbon tetrachloride	12	TO-CC V, TO-LCS -H	ug/m ³	2.5	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
108-90-7	Chlorobenzene	ND		ug/m ³	7.4	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-00-3	Chloroethane	ND		ug/m ³	4.3	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
67-66-3	Chloroform	12	TO-LCS -H	ug/m ³	7.9	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
74-87-3	Chloromethane	3.7		ug/m ³	3.3	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.3	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
110-82-7	Cyclohexane	7.2		ug/m ³	5.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP



Sample Information

Client Sample ID: SV-5D

York Sample ID: 24H0587-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	8.8	TO-CC V, TO-LCS -H	ug/m ³	8.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
141-78-6	Ethyl acetate	ND		ug/m ³	12	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
100-41-4	Ethyl Benzene	9.8		ug/m ³	7.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
67-63-0	Isopropanol	8.0		ug/m ³	8.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.8	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-09-2	Methylene chloride	ND		ug/m ³	11	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
91-20-3	Naphthalene	ND		ug/m ³	17	16.18	EPA TO-15 Certifications: NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
142-82-5	n-Heptane	46		ug/m ³	6.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
110-54-3	n-Hexane	46		ug/m ³	5.7	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
95-47-6	o-Xylene	9.8		ug/m ³	7.0	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
179601-23-1	p- & m- Xylenes	30		ug/m ³	14	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
622-96-8	p-Ethyltoluene	ND		ug/m ³	8.0	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
115-07-1	Propylene	830		ug/m ³	2.8	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
100-42-5	Styrene	ND		ug/m ³	6.9	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
127-18-4	Tetrachloroethylene	50		ug/m ³	11	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.5	16.18	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 21:51	DRP
108-88-3	Toluene	77		ug/m ³	6.1	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.4	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.3	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP



Sample Information

Client Sample ID: SV-5D

York Sample ID: 24H0587-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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
79-01-6	Trichloroethylene	2200	B	ug/m ³	2.2	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	4300	TO-CC V, TO-LCS -H	ug/m ³	9.1	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	5.7	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
593-60-2	Vinyl bromide	ND		ug/m ³	7.1	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP
75-01-4	Vinyl Chloride	4.5		ug/m ³	2.1	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 21:51	DRP



Sample Information

Client Sample ID: SV-11S

York Sample ID: 24H0587-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

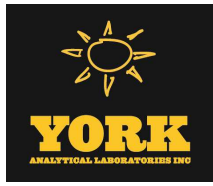
Volatile Organics, EPA TO15 Full List

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	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.8	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62		ug/m ³	12	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.8	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.5	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.9	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.5	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.4	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.9	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.4	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	3.7	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
78-93-3	2-Butanone	17		ug/m ³	4.7	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP



Sample Information

Client Sample ID: SV-11S

York Sample ID: 24H0587-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
107-05-1	3-Chloropropene	ND		ug/m ³	25	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
67-64-1	Acetone	67		ug/m ³	7.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
107-13-1	Acrylonitrile	21		ug/m ³	3.5	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
71-43-2	Benzene	ND		ug/m ³	5.1	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
100-44-7	Benzyl chloride	ND		ug/m ³	8.3	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-25-2	Bromoform	ND		ug/m ³	17	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
74-83-9	Bromomethane	ND		ug/m ³	6.2	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-15-0	Carbon disulfide	5.0		ug/m ³	5.0	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
56-23-5	Carbon tetrachloride	7.1	TO-CC V, TO-LCS -H	ug/m ³	2.5	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
108-90-7	Chlorobenzene	ND		ug/m ³	7.4	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-00-3	Chloroethane	ND		ug/m ³	4.2	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
67-66-3	Chloroform	9.4	TO-LCS -H	ug/m ³	7.8	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
74-87-3	Chloromethane	ND		ug/m ³	3.3	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.3	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
110-82-7	Cyclohexane	ND		ug/m ³	5.5	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP



Sample Information

Client Sample ID: SV-11S

York Sample ID: 24H0587-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	11	TO-CC V, TO-LCS -H	ug/m ³	7.9	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
141-78-6	Ethyl acetate	ND		ug/m ³	12	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
100-41-4	Ethyl Benzene	ND		ug/m ³	7.0	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
67-63-0	Isopropanol	ND		ug/m ³	7.9	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.8	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-09-2	Methylene chloride	ND		ug/m ³	11	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
91-20-3	Naphthalene	ND		ug/m ³	17	16.05	EPA TO-15 Certifications: NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
142-82-5	n-Heptane	ND		ug/m ³	6.6	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
110-54-3	n-Hexane	ND		ug/m ³	5.7	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
95-47-6	o-Xylene	ND		ug/m ³	7.0	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
622-96-8	p-Ethyltoluene	ND		ug/m ³	7.9	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
115-07-1	Propylene	46		ug/m ³	2.8	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
100-42-5	Styrene	ND		ug/m ³	6.8	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
127-18-4	Tetrachloroethylene	74		ug/m ³	11	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.5	16.05	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 22:31	DRP
108-88-3	Toluene	6.0		ug/m ³	6.0	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.4	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.3	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP



Sample Information

Client Sample ID: SV-11S

York Sample ID: 24H0587-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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
79-01-6	Trichloroethylene	1300	B	ug/m ³	2.2	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	4400	TO-CC V, TO-LCS -H	ug/m ³	9.0	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	5.7	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
593-60-2	Vinyl bromide	ND		ug/m ³	7.0	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 22:31	DRP



Sample Information

Client Sample ID: SV-11D

York Sample ID: 24H0587-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.7	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		ug/m ³	12	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.7	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.5	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.9	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.5	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.4	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.9	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
106-99-0	1,3-Butadiene	19		ug/m ³	11	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.4	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	3.7	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
78-93-3	2-Butanone	98		ug/m ³	4.7	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP



Sample Information

Client Sample ID: SV-11D

York Sample ID: 24H0587-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	33		ug/m ³	13	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
107-05-1	3-Chloropropene	ND		ug/m ³	25	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
108-10-1	4-Methyl-2-pentanone	18		ug/m ³	6.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
67-64-1	Acetone	570		ug/m ³	7.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
71-43-2	Benzene	8.2		ug/m ³	5.1	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
100-44-7	Benzyl chloride	ND		ug/m ³	8.3	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-25-2	Bromoform	ND		ug/m ³	17	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
74-83-9	Bromomethane	ND		ug/m ³	6.2	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-15-0	Carbon disulfide	15		ug/m ³	5.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
56-23-5	Carbon tetrachloride	10	TO-CC V, TO-LCS -H	ug/m ³	2.5	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
108-90-7	Chlorobenzene	ND		ug/m ³	7.4	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-00-3	Chloroethane	ND		ug/m ³	4.2	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
67-66-3	Chloroform	8.6	TO-LCS -H	ug/m ³	7.8	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
74-87-3	Chloromethane	ND		ug/m ³	3.3	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.3	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
110-82-7	Cyclohexane	ND		ug/m ³	5.5	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP



Sample Information

Client Sample ID: SV-11D

York Sample ID: 24H0587-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	12	TO-CC V, TO-LCS -H	ug/m ³	7.9	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
141-78-6	Ethyl acetate	ND		ug/m ³	12	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
100-41-4	Ethyl Benzene	ND		ug/m ³	7.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
67-63-0	Isopropanol	19		ug/m ³	7.9	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.8	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-09-2	Methylene chloride	ND		ug/m ³	11	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
91-20-3	Naphthalene	ND		ug/m ³	17	16.03	EPA TO-15 Certifications: NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
142-82-5	n-Heptane	15		ug/m ³	6.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
110-54-3	n-Hexane	18		ug/m ³	5.7	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
95-47-6	o-Xylene	ND		ug/m ³	7.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
622-96-8	p-Ethyltoluene	ND		ug/m ³	7.9	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
115-07-1	Propylene	180		ug/m ³	2.8	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
100-42-5	Styrene	ND		ug/m ³	6.8	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
127-18-4	Tetrachloroethylene	34		ug/m ³	11	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.5	16.03	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:12	DRP
108-88-3	Toluene	22		ug/m ³	6.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.4	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.3	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP



Sample Information

Client Sample ID: SV-11D

York Sample ID: 24H0587-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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
79-01-6	Trichloroethylene	800	B	ug/m ³	2.2	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-69-4	Trichlorofluoromethane (Freon 11)	3900	TO-CC V, TO-LCS -H	ug/m ³	9.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	5.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
593-60-2	Vinyl bromide	ND		ug/m ³	7.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:12	DRP





Sample Information

Client Sample ID: SV-12S

York Sample ID: 24H0587-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.0	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37		ug/m ³	13	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.0	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.7	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.9	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.7	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.6	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.9	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
142-28-9	1,3-Dichloropropane	ND		ug/m ³	7.6	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.9	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	12	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	3.8	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
78-93-3	2-Butanone	11		ug/m ³	4.9	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP



Sample Information

Client Sample ID: SV-12S

York Sample ID: 24H0587-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.7	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
67-64-1	Acetone	43		ug/m ³	7.8	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
71-43-2	Benzene	11		ug/m ³	5.3	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
100-44-7	Benzyl chloride	ND		ug/m ³	8.5	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-25-2	Bromoform	ND		ug/m ³	17	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
74-83-9	Bromomethane	ND		ug/m ³	6.4	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-15-0	Carbon disulfide	40		ug/m ³	5.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
56-23-5	Carbon tetrachloride	25	TO-CC V, TO-LCS -H	ug/m ³	2.6	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
108-90-7	Chlorobenzene	ND		ug/m ³	7.6	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-00-3	Chloroethane	ND		ug/m ³	4.3	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
67-66-3	Chloroform	17	TO-LCS -H	ug/m ³	8.0	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
110-82-7	Cyclohexane	ND		ug/m ³	5.7	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-71-8	Dichlorodifluoromethane	8.1		ug/m ³	8.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP



Sample Information

Client Sample ID: SV-12S

York Sample ID: 24H0587-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

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	12	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
100-41-4	Ethyl Benzene	ND		ug/m ³	7.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
67-63-0	Isopropanol	8.1		ug/m ³	8.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.7	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.9	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-09-2	Methylene chloride	ND		ug/m ³	11	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
91-20-3	Naphthalene	ND		ug/m ³	17	16.46	EPA TO-15 Certifications: NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
142-82-5	n-Heptane	ND		ug/m ³	6.7	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
110-54-3	n-Hexane	ND		ug/m ³	5.8	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
95-47-6	o-Xylene	ND		ug/m ³	7.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
622-96-8	p-Ethyltoluene	ND		ug/m ³	8.1	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
115-07-1	Propylene	26		ug/m ³	2.8	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
100-42-5	Styrene	ND		ug/m ³	7.0	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
127-18-4	Tetrachloroethylene	29		ug/m ³	11	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	9.7	16.46	EPA TO-15 Certifications:	08/15/2024 07:00	08/15/2024 23:53	DRP
108-88-3	Toluene	29		ug/m ³	6.2	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.5	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
79-01-6	Trichloroethylene	450	B	ug/m ³	2.2	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP



Sample Information

Client Sample ID: SV-12S

York Sample ID: 24H0587-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:25 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane (Freon 11)	1800	TO-CC V, TO-LCS -H	ug/m ³	9.2	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	5.8	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
593-60-2	Vinyl bromide	ND		ug/m ³	7.2	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/15/2024 23:53	DRP



Sample Information

Client Sample ID: SV-12D

York Sample ID: 24H0587-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:59 pm

08/08/2024

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	12	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.6	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		ug/m ³	14	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.6	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.1	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.1	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.1	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
106-99-0	1,3-Butadiene	26		ug/m ³	12	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
142-28-9	1,3-Dichloropropane	ND		ug/m ³	8.1	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	13	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	4.1	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
78-93-3	2-Butanone	14		ug/m ³	5.2	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP



Sample Information

Client Sample ID: SV-12D

York Sample ID: 24H0587-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:59 pm

08/08/2024

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	14	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
107-05-1	3-Chloropropene	ND		ug/m ³	28	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.2	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
67-64-1	Acetone	330		ug/m ³	8.4	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
107-13-1	Acrylonitrile	ND		ug/m ³	3.8	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
71-43-2	Benzene	16		ug/m ³	5.6	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
100-44-7	Benzyl chloride	ND		ug/m ³	9.1	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-27-4	Bromodichloromethane	ND		ug/m ³	12	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-25-2	Bromoform	ND		ug/m ³	18	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
74-83-9	Bromomethane	ND		ug/m ³	6.8	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-15-0	Carbon disulfide	38		ug/m ³	5.5	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
56-23-5	Carbon tetrachloride	28	TO-CC V, TO-LCS -H	ug/m ³	2.8	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
108-90-7	Chlorobenzene	ND		ug/m ³	8.1	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-00-3	Chloroethane	ND		ug/m ³	4.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
67-66-3	Chloroform	18	TO-LCS -H	ug/m ³	8.6	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
74-87-3	Chloromethane	ND		ug/m ³	3.6	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.0	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
110-82-7	Cyclohexane	7.9		ug/m ³	6.1	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
124-48-1	Dibromochloromethane	ND		ug/m ³	15	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP



Sample Information

Client Sample ID: SV-12D

York Sample ID: 24H0587-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:59 pm

08/08/2024

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	13	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
100-41-4	Ethyl Benzene	ND		ug/m ³	7.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
67-63-0	Isopropanol	14		ug/m ³	8.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.2	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.4	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-09-2	Methylene chloride	ND		ug/m ³	12	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
91-20-3	Naphthalene	ND		ug/m ³	18	17.63	EPA TO-15 Certifications: NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
142-82-5	n-Heptane	12		ug/m ³	7.2	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
110-54-3	n-Hexane	26		ug/m ³	6.2	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
95-47-6	o-Xylene	ND		ug/m ³	7.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
622-96-8	p-Ethyltoluene	ND		ug/m ³	8.7	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
115-07-1	Propylene	290		ug/m ³	3.0	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
100-42-5	Styrene	ND		ug/m ³	7.5	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
127-18-4	Tetrachloroethylene	19		ug/m ³	12	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
109-99-9	Tetrahydrofuran	ND		ug/m ³	10	17.63	EPA TO-15 Certifications:	08/15/2024 07:00	08/16/2024 00:34	DRP
108-88-3	Toluene	35		ug/m ³	6.6	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.0	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.0	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
79-01-6	Trichloroethylene	360	B	ug/m ³	2.4	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP



Sample Information

Client Sample ID: SV-12D

York Sample ID: 24H0587-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24H0587

24-0012 32-20 38th Ave & 38-18 33rd St

Soil Vapor

August 8, 2024 12:59 pm

08/08/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane (Freon 11)	2200	TO-CC V, TO-LCS -H	ug/m ³	9.9	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
108-05-4	Vinyl acetate	ND		ug/m ³	6.2	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
593-60-2	Vinyl bromide	ND		ug/m ³	7.7	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP
75-01-4	Vinyl Chloride	ND		ug/m ³	2.3	17.63	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/15/2024 07:00	08/16/2024 00:34	DRP





Analytical Batch Summary

Batch ID: BH40934 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24H0587-01	SV-1D	08/13/24
24H0587-02	SV-10S	08/13/24
24H0587-03	SV-10D	08/13/24
24H0587-04	SV-6	08/13/24
24H0587-05	SV-7	08/13/24
24H0587-06	SV-8	08/13/24
BH40934-BLK1	Blank	08/13/24
BH40934-BS1	LCS	08/13/24

Batch ID: BH41002 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24H0587-02RE1	SV-10S	08/13/24
24H0587-03RE1	SV-10D	08/13/24
24H0587-05RE1	SV-7	08/13/24
24H0587-07	SV-9	08/15/24
24H0587-07RE1	SV-9	08/15/24
24H0587-08	SV-5D	08/15/24
24H0587-09	SV-11S	08/15/24
24H0587-10	SV-11D	08/15/24
24H0587-11	SV-12S	08/15/24
24H0587-12	SV-12D	08/15/24
BH41002-BLK1	Blank	08/15/24
BH41002-BS1	LCS	08/15/24

Batch ID: BH41116 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24H0587-06RE1	SV-8	08/13/24
BH41116-BLK1	Blank	08/16/24
BH41116-BS1	LCS	08/16/24

Batch ID: BH41233 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24H0587-01RE1	SV-1D	08/13/24



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 BH40934 - EPA TO15 PREP

Blank (BH40934-BLK1)

Prepared & Analyzed: 08/13/2024

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	0.59	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	0.69	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	0.57	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 BH40934 - EPA TO15 PREP

Blank (BH40934-BLK1)

Prepared & Analyzed: 08/13/2024

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 (BH40934-BS1)

Prepared & Analyzed: 08/13/2024

1,1,1,2-Tetrachloroethane	12.1		ppbv	10.0	121	70-130					
1,1,1-Trichloroethane	17.9		"	10.0	179	70-130	High Bias				
1,1,2,2-Tetrachloroethane	9.39		"	10.0	93.9	70-130					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.5		"	10.0	135	70-130	High Bias				
1,1,2-Trichloroethane	11.0		"	10.0	110	70-130					
1,1-Dichloroethane	12.2		"	10.0	122	70-130					
1,1-Dichloroethylene	13.4		"	10.0	134	70-130	High Bias				
1,2,4-Trichlorobenzene	11.1		"	10.0	111	70-130					
1,2,4-Trimethylbenzene	11.7		"	10.0	117	70-130					
1,2-Dibromoethane	11.8		"	10.0	118	70-130					
1,2-Dichlorobenzene	11.9		"	10.0	119	70-130					
1,2-Dichloroethane	13.8		"	10.0	138	70-130	High Bias				
1,2-Dichloropropane	9.32		"	10.0	93.2	70-130					
1,2-Dichlorotetrafluoroethane	13.3		"	10.0	133	70-130	High Bias				
1,3,5-Trimethylbenzene	11.4		"	10.0	114	70-130					
1,3-Butadiene	10.4		"	10.0	104	70-130					
1,3-Dichlorobenzene	11.9		"	10.0	119	70-130					
1,3-Dichloropropane	10.3		"	10.0	103	70-130					
1,4-Dichlorobenzene	12.1		"	10.0	121	70-130					
1,4-Dioxane	10.3		"	10.0	103	70-130					
2,2,4-Trimethylpentane	11.6		"	10.0	116	70-130					
2-Butanone	10.3		"	10.0	103	70-130					
2-Hexanone	9.60		"	10.0	96.0	70-130					
3-Chloropropene	10.2		"	10.0	102	70-130					
4-Methyl-2-pentanone	8.96		"	10.0	89.6	70-130					
Acetone	10.3		"	10.0	103	70-130					
Acrylonitrile	11.1		"	10.0	111	70-130					
Benzene	11.2		"	10.0	112	70-130					
Benzyl chloride	10.3		"	10.0	103	70-130					
Bromodichloromethane	13.0		"	10.0	130	70-130					
Bromoform	13.7		"	10.0	137	70-130	High 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 BH40934 - EPA TO15 PREP

LCS (BH40934-BS1)

Prepared & Analyzed: 08/13/2024

Bromomethane	11.4		ppbv	10.0		114	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	19.6		"	10.0		196	70-130	High Bias			
Chlorobenzene	10.0		"	10.0		100	70-130				
Chloroethane	10.6		"	10.0		106	70-130				
Chloroform	14.8		"	10.0		148	70-130	High Bias			
Chloromethane	7.55		"	10.0		75.5	70-130				
cis-1,2-Dichloroethylene	12.1		"	10.0		121	70-130				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Cyclohexane	11.6		"	10.0		116	70-130				
Dibromochloromethane	13.9		"	10.0		139	70-130	High Bias			
Dichlorodifluoromethane	16.1		"	10.0		161	70-130	High Bias			
Ethyl acetate	10.5		"	10.0		105	70-130				
Ethyl Benzene	10.4		"	10.0		104	70-130				
Hexachlorobutadiene	15.2		"	10.0		152	70-130	High Bias			
Isopropanol	11.0		"	10.0		110	70-130				
Methyl Methacrylate	9.79		"	10.0		97.9	70-130				
Methyl tert-butyl ether (MTBE)	13.9		"	10.0		139	70-130	High Bias			
Methylene chloride	9.38		"	10.0		93.8	70-130				
Naphthalene	13.6		"	10.0		136	70-130	High Bias			
n-Heptane	10.3		"	10.0		103	70-130				
n-Hexane	11.6		"	10.0		116	70-130				
o-Xylene	11.0		"	10.0		110	70-130				
p- & m- Xylenes	21.8		"	20.0		109	70-130				
p-Ethyltoluene	11.2		"	10.0		112	70-130				
Propylene	8.69		"	10.0		86.9	70-130				
Styrene	10.7		"	10.0		107	70-130				
Tetrachloroethylene	12.8		"	10.0		128	70-130				
Tetrahydrofuran	9.98		"	10.0		99.8	70-130				
Toluene	10.2		"	10.0		102	70-130				
trans-1,2-Dichloroethylene	12.8		"	10.0		128	70-130				
trans-1,3-Dichloropropylene	11.9		"	10.0		119	70-130				
Trichloroethylene	11.4		"	10.0		114	70-130				
Trichlorofluoromethane (Freon 11)	18.1		"	10.0		181	70-130	High Bias			
Vinyl acetate	10.3		"	10.0		103	70-130				
Vinyl bromide	11.5		"	10.0		115	70-130				
Vinyl Chloride	9.22		"	10.0		92.2	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 BH41002 - EPA TO15 PREP

Blank (BH41002-BLK1)

Prepared & Analyzed: 08/15/2024

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	"								
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 BH41002 - EPA TO15 PREP

Blank (BH41002-BLK1)

Prepared & Analyzed: 08/15/2024

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	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 (BH41002-BS1)

Prepared & Analyzed: 08/15/2024

1,1,1,2-Tetrachloroethane	10.9		ppbv	10.0	109	70-130					
1,1,1-Trichloroethane	16.7		"	10.0	167	70-130	High Bias				
1,1,2,2-Tetrachloroethane	8.44		"	10.0	84.4	70-130					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0	126	70-130					
1,1,2-Trichloroethane	9.91		"	10.0	99.1	70-130					
1,1-Dichloroethane	11.4		"	10.0	114	70-130					
1,1-Dichloroethylene	12.4		"	10.0	124	70-130					
1,2,4-Trichlorobenzene	9.72		"	10.0	97.2	70-130					
1,2,4-Trimethylbenzene	10.5		"	10.0	105	70-130					
1,2-Dibromoethane	10.6		"	10.0	106	70-130					
1,2-Dichlorobenzene	10.8		"	10.0	108	70-130					
1,2-Dichloroethane	12.7		"	10.0	127	70-130					
1,2-Dichloropropane	8.29		"	10.0	82.9	70-130					
1,2-Dichlorotetrafluoroethane	12.9		"	10.0	129	70-130					
1,3,5-Trimethylbenzene	10.2		"	10.0	102	70-130					
1,3-Butadiene	10.3		"	10.0	103	70-130					
1,3-Dichlorobenzene	10.6		"	10.0	106	70-130					
1,3-Dichloropropane	9.27		"	10.0	92.7	70-130					
1,4-Dichlorobenzene	10.8		"	10.0	108	70-130					
1,4-Dioxane	9.20		"	10.0	92.0	70-130					
2,2,4-Trimethylpentane	10.8		"	10.0	108	70-130					
2-Butanone	9.35		"	10.0	93.5	70-130					
2-Hexanone	8.47		"	10.0	84.7	70-130					
3-Chloropropene	9.22		"	10.0	92.2	70-130					
4-Methyl-2-pentanone	7.92		"	10.0	79.2	70-130					
Acetone	9.50		"	10.0	95.0	70-130					
Acrylonitrile	10.2		"	10.0	102	70-130					
Benzene	10.5		"	10.0	105	70-130					
Benzyl chloride	9.25		"	10.0	92.5	70-130					
Bromodichloromethane	11.6		"	10.0	116	70-130					
Bromoform	12.2		"	10.0	122	70-130					
Bromomethane	11.0		"	10.0	110	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 BH41002 - EPA TO15 PREP

LCS (BH41002-BS1)

Prepared & Analyzed: 08/15/2024

Carbon disulfide	10.2		ppbv	10.0		102	70-130				
Carbon tetrachloride	18.3		"	10.0		183	70-130	High Bias			
Chlorobenzene	9.04		"	10.0		90.4	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	13.8		"	10.0		138	70-130	High Bias			
Chloromethane	7.59		"	10.0		75.9	70-130				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
cis-1,3-Dichloropropylene	9.56		"	10.0		95.6	70-130				
Cyclohexane	10.8		"	10.0		108	70-130				
Dibromochloromethane	12.5		"	10.0		125	70-130				
Dichlorodifluoromethane	15.5		"	10.0		155	70-130	High Bias			
Ethyl acetate	9.62		"	10.0		96.2	70-130				
Ethyl Benzene	9.36		"	10.0		93.6	70-130				
Hexachlorobutadiene	13.5		"	10.0		135	70-130	High Bias			
Isopropanol	9.97		"	10.0		99.7	70-130				
Methyl Methacrylate	8.79		"	10.0		87.9	70-130				
Methyl tert-butyl ether (MTBE)	13.0		"	10.0		130	70-130				
Methylene chloride	8.68		"	10.0		86.8	70-130				
Naphthalene	12.0		"	10.0		120	70-130				
n-Heptane	9.49		"	10.0		94.9	70-130				
n-Hexane	10.7		"	10.0		107	70-130				
o-Xylene	9.91		"	10.0		99.1	70-130				
p- & m- Xylenes	19.8		"	20.0		98.8	70-130				
p-Ethyltoluene	10.1		"	10.0		101	70-130				
Propylene	8.67		"	10.0		86.7	70-130				
Styrene	9.63		"	10.0		96.3	70-130				
Tetrachloroethylene	11.5		"	10.0		115	70-130				
Tetrahydrofuran	9.06		"	10.0		90.6	70-130				
Toluene	9.20		"	10.0		92.0	70-130				
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	70-130				
Trichloroethylene	10.2		"	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	17.4		"	10.0		174	70-130	High Bias			
Vinyl acetate	9.22		"	10.0		92.2	70-130				
Vinyl bromide	11.7		"	10.0		117	70-130				
Vinyl Chloride	9.56		"	10.0		95.6	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 BH41116 - EPA TO15 PREP

Blank (BH41116-BLK1)

Prepared & Analyzed: 08/16/2024

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	"								
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 BH41116 - EPA TO15 PREP

Blank (BH41116-BLK1)

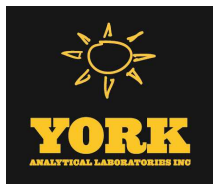
Prepared & Analyzed: 08/16/2024

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	0.75	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 (BH41116-BS1)

Prepared & Analyzed: 08/16/2024

1,1,1,2-Tetrachloroethane	11.8		ppbv	10.0	118	70-130					
1,1,1-Trichloroethane	18.8		"	10.0	188	70-130	High Bias				
1,1,2,2-Tetrachloroethane	8.99		"	10.0	89.9	70-130					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.2		"	10.0	142	70-130	High Bias				
1,1,2-Trichloroethane	10.7		"	10.0	107	70-130					
1,1-Dichloroethane	12.6		"	10.0	126	70-130					
1,1-Dichloroethylene	13.7		"	10.0	137	70-130	High Bias				
1,2,4-Trichlorobenzene	10.3		"	10.0	103	70-130					
1,2,4-Trimethylbenzene	11.3		"	10.0	113	70-130					
1,2-Dibromoethane	11.4		"	10.0	114	70-130					
1,2-Dichlorobenzene	11.5		"	10.0	115	70-130					
1,2-Dichloroethane	14.0		"	10.0	140	70-130	High Bias				
1,2-Dichloropropane	8.81		"	10.0	88.1	70-130					
1,2-Dichlorotetrafluoroethane	14.4		"	10.0	144	70-130	High Bias				
1,3,5-Trimethylbenzene	11.0		"	10.0	110	70-130					
1,3-Butadiene	11.0		"	10.0	110	70-130					
1,3-Dichlorobenzene	11.4		"	10.0	114	70-130					
1,3-Dichloropropane	9.92		"	10.0	99.2	70-130					
1,4-Dichlorobenzene	11.7		"	10.0	117	70-130					
1,4-Dioxane	9.93		"	10.0	99.3	70-130					
2,2,4-Trimethylpentane	11.8		"	10.0	118	70-130					
2-Butanone	10.1		"	10.0	101	70-130					
2-Hexanone	8.67		"	10.0	86.7	70-130					
3-Chloropropene	9.85		"	10.0	98.5	70-130					
4-Methyl-2-pentanone	8.17		"	10.0	81.7	70-130					
Acetone	10.1		"	10.0	101	70-130					
Acrylonitrile	11.0		"	10.0	110	70-130					
Benzene	11.7		"	10.0	117	70-130					
Benzyl chloride	9.71		"	10.0	97.1	70-130					
Bromodichloromethane	12.5		"	10.0	125	70-130					
Bromoform	13.3		"	10.0	133	70-130	High Bias				
Bromomethane	12.3		"	10.0	123	70-130					



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

York Analytical Laboratories, Inc. - Stratford

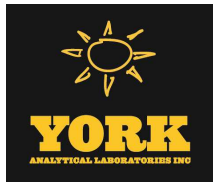
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH41116 - EPA TO15 PREP

LCS (BH41116-BS1)

Prepared & Analyzed: 08/16/2024

Carbon disulfide	11.3		ppbv	10.0		113	70-130				
Carbon tetrachloride	20.6		"	10.0		206	70-130	High Bias			
Chlorobenzene	9.75		"	10.0		97.5	70-130				
Chloroethane	11.1		"	10.0		111	70-130				
Chloroform	15.5		"	10.0		155	70-130	High Bias			
Chloromethane	8.07		"	10.0		80.7	70-130				
cis-1,2-Dichloroethylene	12.6		"	10.0		126	70-130				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	70-130				
Cyclohexane	11.8		"	10.0		118	70-130				
Dibromochloromethane	13.5		"	10.0		135	70-130	High Bias			
Dichlorodifluoromethane	17.3		"	10.0		173	70-130	High Bias			
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	10.0		"	10.0		100	70-130				
Hexachlorobutadiene	14.6		"	10.0		146	70-130	High Bias			
Isopropanol	10.8		"	10.0		108	70-130				
Methyl Methacrylate	9.45		"	10.0		94.5	70-130				
Methyl tert-butyl ether (MTBE)	14.4		"	10.0		144	70-130	High Bias			
Methylene chloride	9.24		"	10.0		92.4	70-130				
Naphthalene	12.5		"	10.0		125	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	11.7		"	10.0		117	70-130				
o-Xylene	10.7		"	10.0		107	70-130				
p- & m- Xylenes	21.3		"	20.0		106	70-130				
p-Ethyltoluene	10.9		"	10.0		109	70-130				
Propylene	9.38		"	10.0		93.8	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	12.4		"	10.0		124	70-130				
Tetrahydrofuran	9.75		"	10.0		97.5	70-130				
Toluene	9.88		"	10.0		98.8	70-130				
trans-1,2-Dichloroethylene	13.1		"	10.0		131	70-130	High Bias			
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	11.0		"	10.0		110	70-130				
Trichlorofluoromethane (Freon 11)	19.5		"	10.0		195	70-130	High Bias			
Vinyl acetate	9.93		"	10.0		99.3	70-130				
Vinyl bromide	13.1		"	10.0		131	70-130	High Bias			
Vinyl Chloride	10.4		"	10.0		104	70-130				





Sample and Data Qualifiers Relating to This Work Order

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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

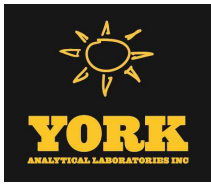
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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: This report has been revised to include missed dilutions.



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No.
2440567

Your Page **1** of **2**

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

YOUR INFORMATION Company: Vektor Consultants Address: 37 W 37 St Phone: 716 868 8073 Contact: Ezra Kufnyal E-mail: Ezra@vektorconsultants.com		Report To: Company: _____ Address: _____ Phone: _____ Contact: _____ E-mail: _____		Invoice To: Company: AP @ Vektor Consultants - CNY Address: _____ Phone: _____ Contact: _____ E-mail: _____	
AIR Matrix Codes AI - Indoor Ambient Air AO - Outdoor Amb. Air AE - Vapor Extraction Well/ Process Gas/Effluent AS - Soil Vapor/Sub-Slab		Samples From <input checked="" type="checkbox"/> New York <input type="checkbox"/> New Jersey <input type="checkbox"/> Connecticut <input type="checkbox"/> Pennsylvania <input type="checkbox"/> Other: _____		Report / EDD Type (circle selections) <input checked="" type="checkbox"/> Summary Report <input type="checkbox"/> QA Report <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> Other: _____	
YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)		Standard Excel EDD <input type="checkbox"/> Standard <input type="checkbox"/> EQUIS (Standard) <input type="checkbox"/> NYSDEC EQUIS <input type="checkbox"/> NUDEP SRP HazSite		YOUR Project Name 32-20 38th Ave & 38-18 33rd St	
Turn-Around Time <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input checked="" type="checkbox"/> Standard (5-7 Day)		YOUR Project Number 24-0012		YOUR PO#: _____	

Sample Identification	Date/Time Sampled	Please enter the following REQUIRED Field Data		Canister ID	Flow Cont. ID	Analysis Requested	Reporting Units: ug/m ³ _____ ppbv _____ ppmv _____
		Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)				
SV-1D	8/8/24 1205	-30	-8	17189	28312	TO-15	
SV-10S	1219	-30	-7	20457	48314		
SV-10D	1206	-30	-8	19343	41838		
SV-6	1157	-30	-6	6867	48704		
SV-7	1150	-24	-6	13556	41845		
SV-8	1233	-30	-8	12191	44989		
SV-9	1236	-30	-6	19418	18303		
SV-5D	1254	-30	-5	19342	36987		
SV-11S	1230	-30	-4	7077	48320		
SV-11D	1246	-30	-5	20445	37798		

Comments: Canister IDs switch w/ flow controller columns

Samples Relinquished by / Company	Date/Time	Detection Limits Required		Samples Relinquished by / Company	Date/Time
		≤ 1 ug/m ³	NYSDEC V1 Limits		
Antonio Cadena / Vektor Consultants	8/8/24			Antonio Cadena	8/8/24
					1530

