

Periodic Review Report

NYSDEC BCP Site #C224102

Reporting Period:

November 2, 2023 to November 2, 2024

Location:

353 Mckibbin Street
Brooklyn, New York, 11206

Prepared for:

Bogart Plaza, LLC
589 Johnson Avenue
Brooklyn, New York, 11237

LaBella Project No. 2244665

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1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) is pleased to submit this Periodic Review Report (PRR) covering the reporting period of November 2, 2023 to November 2, 2024 for the 353 McKibbin Street Property located in Brooklyn, New York, hereinafter referred to as the “Site.” The site is in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) as site No. C224102. A Certificate of Completion (COC) was issued for the site on December 30, 2011. A Site Location Map is included as Figure 1.

The site tax parcel is located in the Borough of Brooklyn, coextensive with Kings County, New York City, New York and is identified on the City of New York Department of Finance Tax Map as Block 3083, Lots 16 and 30. The site tax parcel is an approximately 1.07-acre area and is bounded by McKibbin Street followed by a municipal park (Justice Gilbert Ramirez Park) to the south, Boerum Street followed by commercial businesses to the north, Bogart Street followed by commercial businesses to the east, and a ready-mix concrete facility (United Transit Mix) to the west.

LaBella was retained by Bogart Plaza, LLC to assist with the preparation of the PRR and certification requirements associated with the Site Management Plan (SMP) prepared for the site.

2.0 BACKGROUND

This section (site history, investigation and remediation history) is based on excerpts from prior reports for the site.

2.1 Site History

Sanborn™ mapping depicted the site as undeveloped land prior to the early 1900's. In 1907, Sanborn™ mapping indicated the site was occupied by F.H. Kalfleisch Chemical Works along with some small buildings along with two (2) small buildings on the north side of the site and a large building on the south side of the site. In 1933 the buildings were gone, and two loft buildings were present. In 1951 and 1990 the site use included lacquer spraying in the northern building as well as paper box storage in the southern portion of the site. In 1984, the site was only developed with one rectangular building located on the southern portion of the site and in 1994 the site was undeveloped land. Land records indicate the site was sold to the Thames Trading Company, Inc in 1982 by the Thames Operation Corporation. The site was later purchased by Richard Penzer who transferred the site to 307 McKibbin Street Realty Corporation which later sold the site to New York City Industrial Development Agency in 1984 which transferred the lots to Harry J. Rashti & Company in 1991. The site was sold to BBM LLC in 1996. The site was acquired by Bogart Plaza, LLC in 2012.

Past uses of the site included a chemical works factory, lacquer spraying processes and paper box storage. Additionally, urban fill was placed on-site at some point during its past uses. The site remained vacant and unsecured for many years during which the dumping of unknown materials including drums reportedly occurred from unknown entities/sources. The site is currently operated as a storage yard for construction materials.



2.2 Investigation History

A Phase II Site Investigation was completed in October 2001 identifying volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs)/polycyclic aromatic hydrocarbons (PAHs) and metals in soils beneath the site. Another Phase II Site Investigation was completed in May 2006 which identified Volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals and polychlorinated biphenyls (PCBs) in soil and VOCs, metals and pesticides were identified in groundwater. As a result of the, Phase II's, the site was entered into the BCP and a Remedial Investigation (RI) was completed as well as a remedial investigation report dated March 8, 2007.

A RI consisted of soil, groundwater and soil gas sampling. Based on the advancement of soil borings it was determined that the site subsurface consisted of approximately 7 feet of urban fill underlain by glacial deposits composed of varying amounts of sand and silt. Depth to groundwater was measured at approximately 9-feet (ft) to 15-ft below ground surface (bgs) and no confining layers were identified in the overburden aquifer during the RI activities. Groundwater monitoring wells were utilized to construct water-table elevation contour maps. Shallow overburden groundwater contour mapping depicts a predominantly north-northwest flow direction. Deep overburden groundwater contour mapping show groundwater flow to the north.

Soil sampling results were compared to the Technical and Administrative Guidance Memorandum (TAGM) 4046 Recommended Soil Cleanup Objectives (RSCOs). The following soil impacts were identified:

- VOC concentrations in soil were detected exceeding TAGM 4046 RSCOs predominantly in two specific areas identified as hotspots HS-1 and HS-2. Exceedances were primarily identified at depths ranging from approximately 5-12 ft bgs.
 - **HS-1:** The distribution of TCE suggested that HS-1 was the result of a former on-site release as impacts were limited to shallow soils. Trichloroethene (TCE) among other chlorinated VOCs (i.e., methylene chloride, cis-1,2-dichloroethene and trans-1,2-dichloroethene) as well as acetone were identified exceeding TAGM 4046 RSCOs.
 - **HS-2:** Heavy to moderate black stained soils and strong to moderate petroleum odors were observed in soil samples collected from approximately 6 to 12 feet bgs. Additionally non-aqueous phase liquid (NAPL) was identified in one location in HS-2. TCE was detected above TAGM 4046 RSCOs as well as Ethylbenzene, total xylenes, methyl ethyl ketone, 4-methyl-2-pentanone, methylene chloride and acetone. Trimethylbenzene was also detected however, no TAGM 4046 RSCO was available, so the concentration was compared to and exceeded NYCRR Part 375 Unrestricted Use SCOs.
- Metals detected in on-site and off-site soil were determined to be naturally occurring background conditions and not considered indicative of a release.
- SVOCs were detected exceeding the individual TAGM 4046 RSCOs in subsurface soils throughout the site. Exceedances were noted primarily in urban fill identified at the site.
- PCBs were not detected.

Groundwater both on and off-site was sampled for analysis. Thirteen monitoring wells were sampled, and results were compared to NYSDEC TOGS 1.1.1 groundwater standards for Class GA water (groundwater standards). Several VOCs were identified to exceed groundwater standards in shallow monitoring wells which included total xylene, acetone, cis-1,2-dichloroethene, methylene chloride, 1,3,5-trimethylbenzene, TCE and vinyl chloride. VOCs, specifically TCE and/or PCE, were detected



exceeding groundwater standards in each of the three (3) deep wells. In addition to VOCs, several metals were found exceeding groundwater standards as well as the pesticide dieldrin.

VOCs were also detected in soil gas; however, no applicable guidance values existed at the time.

Based on the results of the RI, contaminants found were determined to likely be related to the filling materials placed on-site and former industrial operations that occurred.

2.3 Remedial Actions Completed at the Site

The site was remediated following the NYSDEC-approved Remedial Action Work Plan, dated July 2008. The key remedial actions included:

- 1. Excavation and Disposal of Contaminated Soils:**
 - Based on the findings of the RI, impacted soil was divided into four (4) hot spots to focus excavation activities.
 - A total of approximately 812.24 tons of impacted soils were excavated and disposed of. Excavation targeted soil/fill exceeding Commercial Use SCOs down to depths of approximately 10-ft bgs.
- 2. Cover System:**
 - A soil cover system was installed across the site to prevent human exposure to remaining contaminated soil. This system included a minimum of twelve (12) inches of clean fill to prevent exposure to remaining contamination and an additional six (6) inches of clean fill to protect the soil cover system in place from erosion and inclement weather.
 - A demarcation was installed below the clean fill soil cover system.
- 3. Implementation of a Site Management Plan and Environmental Easement**
 - An Environmental Easement was executed to restrict land use and prevent future exposure to any remaining contamination.
 - A comprehensive SMP was developed for the long-term management of remaining contamination. This plan includes institutional and engineering controls, monitoring, operation and maintenance, and reporting requirements.
- 4. Installation and Operation of an Air Sparging/Soil Vapor Extraction System (AS/SVES)**
 - Operation of the system began on June 1, 2011.
 - The AS/SVES consists of twenty-two (22) wells including twelve (12) shallow air sparge wells to 20-ft bgs and ten (10) deep air sparging wells to 40-ft bgs to inject air into groundwater to remove VOCs. Released VOCs are collected by the soil vapor extraction piping network located throughout the site.
 - Air sparging wells were constructed of one-inch diameter PVC with a 2-ft long well screen section set in a sand/gravel pack and bentonite to seal the borehole above the screened section. The wells are connected to two-inch PVC piping which supplies pressurized air from the main equipment building housing an air compressor.
 - The SVES consists of four vapor extraction trenches each containing two, 3-inch perforated PVC pipes spaced evenly throughout the site. The pipes are wrapped in



filter fabric and placed in 2-ft of clean stone. Two regenerative blowers draw vapors from the SVE piping and vent them out to the ambient outdoor air.

More information regarding the AS/SVES is provided in section 3.3. Note the AS portion of the system is currently not in operation as approved by the NYSDEC. Following the completion of the remedial excavations and installation of the engineering controls, the Final Engineering Report and Site Management Plan (SMP) were developed and subsequently approved by the NYSDEC. These reports included mapping showing areas of residual impacts. In addition, the SMP outlined institutional and engineering controls to be certified annually in Periodic Review Reports. Refer to Figure 2 showing approximate locations of the SVES piping and equipment building.

2.4 Additional Site Activities

Based on previous reports, the AS/SVES encountered mechanical difficulties by February 2014. A Corrective Measure Work Plan (CMWP) was submitted and approved by the NYSDEC and the AS/SVES was repaired/rehabilitated to working condition. The AS system reportedly mechanically failed again in March 2016 and an evaluation of conditions before the AS system was non-operational and after indicated that the AS system was no longer necessary. There was also a planned SVE shutdown between March 2017 and May 2018. The SVES operation restarted in May 2018 and the AS system has remained off with NYSDEC approval.

3.0 INSTITUTIONAL AND ENGINEERING CONTROLS (IC/EC)

3.1 IC/EC Certification

IC/EC certifications are provided by a designated representative of Bogart Plaza, LLC and a Professional Engineer in the State of New York working for on behalf of Bogart Plaza, LLC. Refer to Appendix 1 for a copy of the certification forms.

3.2 Institutional Controls

The Institutional Controls for the site are described as follows:

1. The property may be used for restricted commercial use provided that the long-term engineering controls and institutional controls included in the SMP are employed;
2. All ECs must be operated and maintained as specified in the SMP;
3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
4. Groundwater, soil vapor, and other environmental or public health monitoring must be performed as defined in the SMP;
5. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
6. On-site environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor probes, must be protected and replaced as necessary to ensure the continued function in the manner specified in the SMP;
7. All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
8. The potential for vapor intrusion must be evaluated for any buildings developed on the site, and any potential impacts that are identified must be mitigated:



9. The use of groundwater underlying the property is prohibited without necessary water quality treatment rendering it safe for intended use; and,
10. Vegetable gardens and farming on the site are prohibited.

3.3 Engineering Controls

1. **Soil Cover system** – Exposure to remaining contamination at the site is prevented by the soil cover system consisting of 12-inches of clean fill over a demarcation layer across the entirety of the site. Additionally, 6-inches of clean fill was placed over the cover system to protect the cover from erosion.
2. **Air Sparge/Soil Vapor Extraction System** – This system is composed of two systems working simultaneously, to volatilize VOCs in the subsurface while collecting the volatilized VOCs for venting out of a vent stack. The systems include an air sparging system* and a soil vapor extraction system. The AS system injects compressed air into the site subsurface through twenty-two (22) air sparge wells. An air compressor pressurizes air which passes through an air-to-air aftercooler prior to entering an eight-leg manifold that supplies the wells with air. Each of the legs has a pressure gauge and a ball valve for adjusting air flow. Pressure is maintained by a variable frequency drive and pressure transmitter. The SVES consists of four stone filled trenches, each containing 2 horizontal runs of 3-inch perforated piping wrapped in filter fabric. The top of each trench was covered with filter fabric to prevent fine from infiltrating the air permeable stone. Each of the individual pipes connect to one single 4-inch pipe that enters a knockout tank to remove moisture from the air stream which then passes through two blowers in parallel and is discharged out the vent stack.

*The air sparging system is currently not in operation which has been approved by the NYSDEC. As such only the soil vapor extraction system is in operation.

3.4 Deviations

The following deviations from approved plans were noted during the reporting period.

- Monitoring well MW-7 not sampled/gauged during Q1 because it was destroyed during sidewalk replacement
- Monitoring well MW-5DR was not sampled/gauged during Q3 and Q4 because it was not accessible.
- Soil Vapor monitoring point SG-5R was not sampled during Q1 because it was damaged during sidewalk replacement.

4.0 MONITORING DURING THE REPORTING PERIOD

The monitoring/inspection program is summarized in the following table:



Table 1: Monitoring/Inspection Program

Monitoring Program	Frequency	Monitored	Matrix	Status
Site Wide Inspection	Annually	Site Condition and/or Property Use	Site Use	Ongoing Annually
Composite Cover System	Annually, or more frequently as needed	Visual Inspection	Soil	Ongoing Annually
Groundwater Monitoring	Quarterly	VOCs, SVOCs	Groundwater	Ongoing Quarterly
Groundwater Elevation Monitoring	Quarterly	Elevation	Groundwater	Ongoing Quarterly
Soil Vapor Monitoring	Quarterly	VOCs	Soil Vapor	Ongoing Quarterly
Soil Vapor Extraction System	Quarterly*	Operational, control panel status, dial capabilities for alarms, operating parameters, blowers, moisture separator, equipment shed, drive fan, level switches, electrical panels	System equipment, components, switches, gauges, piping, operation.	Ongoing Quarterly
Air Sparging System	Quarterly*	Operational, control panel status, dial capabilities for alarms, operating parameters, blowers, moisture separator, equipment shed, drive fan, level switches, electrical panels	System equipment, components, switches, gauges, piping, operation.	No ongoing monitoring as approved by NSYDEC

*The SMP initially included weekly inspection of AS/SVES components and daily inspection of operational status and alarm capabilities in the operation and maintenance plan but currently the system is inspected quarterly. A remote warning system operates to send out alerts for system issues/alarms.

Refer to Figure 2 showing locations of groundwater monitoring wells, soil vapor monitoring points and SVES piping as well as the equipment building. A summary of the monitoring work completed is provided below.

4.1 Site Wide Inspection

A site-wide inspection was performed on October 29, 2024 to assess the general site conditions and compliance with the Institutional Controls including compliance with the required monitoring and reporting procedures outlined in the Site Management Plan. The site use remains Restricted-Commercial, engineering controls have been maintained and evaluated in accordance with the SMP and site records are up to date. The site cover and SVES were inspected during the site-wide inspection and results of these inspections are provided in sections 4.1.1 and 4.1.2. The Site Wide Inspection forms accompanied with photos taken during the site inspection, can be found in Appendix 2 of this report.



4.1.1 Cover System Inspection

A site-wide cover system inspection was completed as part of the site-wide inspection on October 29, 2024 to assess the condition of the soil cover system. The cover system consists of 18-inches of clean fill underlain by a demarcation layer to prevent exposure to remaining contaminated soil/fill at the site. The cover system remains functional and in place with no evidence of excavation, erosion or other disturbances of the cover. Additionally, no modifications have been made to the cover system during the reporting period.

4.1.2 SVES Inspection

The SVES and its components appeared to be operational at the time of the site inspection, no major system modifications have been made from the prior reporting period. The equipment shed appeared to be in good condition and Blowers 1 and 2 were operational at the time of inspection. The visible piping and components appeared to remain in acceptable condition. As previously discussed in this report the air compressor related to the AS system remains off.

4.1.3 Monitoring Well Network Inspection

The monitoring well network on site appeared to remain intact in acceptable condition. Monitoring wells were all observed and protected. No repairs, decommissioning or replacement of any of the monitoring wells were required based on the assessment of monitoring wells during this reporting period.

4.2 Soil Vapor Extraction System (SVES)

The SVES was designed by the responsible party for collection of volatile organic compounds released during air sparging. The system components are described in Section 3.3. The air sparging system mechanically failed in March 2016 and with the approval of the NYSDEC has remained off since that date. As a result, the SVES has remained in operation to enhance the capture of VOCs in the subsurface and to prevent soil vapor containing VOCs from migrating off-site.

4.2.1 SVES Operational Data

The SVES is designed to operate continuously; however, some downtime is expected for maintaining the system and its components and accounting for unforeseen issues. The system was on and operating during the following timeframes and the average operation time percentage was calculated for these time periods:

From	To	Total Operational Hours*	Percent Operational*
9/20/2023	12/21/2023	2029	92%
12/21/2023	3/29/2024	1824.5	77%
3/29/2024	6/13/2024	1575.5	86%
6/13/2024	10/29/2024	2927.9	88%

*Note: Total operational hours and percent operation assume that the blowers were generally operational or off simultaneously. If one of the blowers remained running while the other was off, the percentage operational would increase although potentially at a reduced capacity.

A remote warning system (AS-2000 Automatic Voice/Pager Dialer by United Securities Products) functioned at the Site until it was replaced in January 2024. On January 26, 2024, Advanced Site



Restoration (ASR) installed a replacement remote monitoring system consisting of an Obar Systems GBR25-T Differential Pressure Gauge/Alarm Transmitter, EDG Wireless Cellular Gateway and EDG wireless sensor 0-10V which is periodically monitoring by ASR to ensure the SVE system is operation. Email alerts are received for system issues/alarms. Due to electrical issues at the site, the system was out of operation in early April and in late August of 2024. Vacuum and flow rate readings indicate the system was operating properly during the reporting period except for the noted electrical issues. Refer to Appendix 3 for SVES Operation Logs.

Differential pressure readings were recorded during quarter 2 of the reporting period at replacement well MW-7 as well as vapor points SG-5 and SV-9 following repair/replacement of the monitoring locations. The results are presented in the table below:

Monitoring Well/Vapor Point	Differential Pressure ("H ₂ O)
MW-7	-0.007
SG-5R	-0.008
SV-9	-0.069

The results of the differential pressure readings indicate that the SVES appears to be maintaining influence of soil vapor off-site to the north (typical direction of groundwater flow).

4.3 Groundwater Monitoring Data

Quarterly groundwater monitoring is performed at the site to assess the controls in place at the site. The following seven (7) monitoring wells are designated for quarterly sampling:

- MW-5DR
- MW-7
- MW-8
- MW-10SR
- MW-10DR
- MW-11
- MW-12

Monitoring well gauging is described in section 4.3.1 which describes groundwater elevation data collected each quarter. Sampling of these groundwater monitoring wells is described in section 4.3.2. Locations of monitoring wells are shown in Figure 2.

4.3.1 Monitoring Well Gauging

Groundwater levels were gauged prior to sampling each quarter of the reporting period to generate groundwater contour maps for the site. Groundwater elevation data was collected on December 21, 2023, March 29, 2024, June 12, 2024, and September 27, 2024

Groundwater elevations ranged 5.36 ft to 10.15 ft above mean sea level. Groundwater contours created from data collected indicated a groundwater flow to the southeast in December 2023, flow to the northwest in March 2024, flow to the east in June 2024, and flow to the southeast in September 2024. Previous reports indicate that groundwater flow typically moved towards the north; however, the results from this reporting period are not consistent with this, with the exception of the data collected in March. The inconsistency in flow direction could potentially be the result of missing groundwater elevation data. MW-7 was not able to be gauged in December 2023 due to a sidewalk replacement that resulted in the destruction of MW-7. Additionally, MW-5DR was not accessible during gauging for the June and September events. Coincidentally, the only monitoring event where all wells were able to be gauged was the March event which resulted in groundwater contours that appear to be more consistent with past events showing a northern flow direction. Additionally, if there is any ongoing work that involves dewatering in the nearby area, groundwater flow direction



could be significantly affected. Refer to Figures 3A, 3B, 3C and 3D for the December, March, June and September groundwater contours maps, respectively. Refer to Table I for tabulated groundwater measurements.

4.3.2 Groundwater Monitoring Well Sampling

Groundwater samples were collected from each of the seven (7) groundwater monitoring wells, unless otherwise noted, on December 21, 2023 (Quarter 1), March 29, 2024 (Quarter 2), June 13, 2024 (Quarter 3) and September 27, 2024 (Quarter 4). The monitoring wells were purged a minimum of three (3) well volumes of water using a low-flow sampling techniques. Following completion of purging, three (3) rounds groundwater quality readings were recorded at 5-minute intervals from each well to confirm that the groundwater conditions had stabilized and a representative groundwater sample could be collected. Each sample was collected from dedicated polyethylene tubing connected to set to a low flow operating speed. QA/QC procedures included collecting and analyzing a trip blank, a duplicate sample, and a matrix spike/matrix spike duplicate (MS/MSD), as required in the SMP during each sampling event.

Samples were transported to York Analytical Laboratories, Inc. located in Stratford, Connecticut (ELAP #10854) under standard chain of custody procedures for analysis of VOC via USEPA Method 8260. Analytical results were compared to NYSDEC Class GA Groundwater Quality Standards (AWQS) provided in the Technical Operation and Guidance Series (TOGS 1.1.1) document dated June 1998 and subsequent addendums.

Refer to Table II for tabulated groundwater monitoring sample logs displaying water chemistry and measured water/well depths. Refer to Appendix 4 for the quarter 1 through quarter 4 Quarterly Monitoring Reports (QMRs) by Advanced Site Restoration (ASR) which include the groundwater monitoring laboratory analytical reports as Appendix A in each of the QMRs. Data usability summary reports (DUSRs) indicate the data is acceptable. Refer to Appendix 7 for the DUSRs.

The following consists of a summary of laboratory results for the reporting period:

- **Monitoring Well MW-5DR** – Monitoring well was only sampled in the first two quarters during the reporting period and was not accessible in the last two quarters during the reporting period. Several chlorinated volatile organic compounds (CVOCs) were detected during both sampling events with concentrations of TCE and PCE slightly exceeding the AWQS.
- **Monitoring Well MW-7** – MW-7 was not sampling during the first quarter event as it was destroyed during replacement of the sidewalk. The well was reinstalled in January 2024 and was able to be sampled in each of the subsequent events this reporting period. Concentrations of CVOCs were not detected in each of the sampling events completed. Additionally, other compounds were generally not detected with the exception of some minor detections of naphthalene that remained below AWQS.
- **Monitoring Well MW-8** – TCE and PCE were detected in monitoring well MW-8 in each quarter during the reporting period and a minor detection of cis-1,2-dichloroethene was identified during the first quarter sampling event. TCE was found to exceed AWQS during the first quarter and the fourth quarter events. No other exceedances were detected during the reporting period.
- **Monitoring Well MW-10SR** – TCE and PCE were detected exceeding AWQS in samples collected during the first and third quarter from this monitoring well. Other VOCs were also detected in these quarters, but concentrations remained below AWQS. No VOCs were found



to exceed AWQS during the second and fourth quarters.

- **Monitoring Well MW-10DR** – TCE and PCE were detected exceeding AWQS in samples collected during the second and fourth quarter from this monitoring well. Additionally, cis-1,2-dichloroethene was detected during the fourth quarter slightly exceeding the AWQS. Other VOCs were also detected in these quarters, but concentrations remained below AWQS. VOCs were detected during the first and third quarters, however, concentrations detected were very low and remained below AWQS.
- **Monitoring Well MW-11** – The highest detections of CVOCs in the reporting period were identified in samples collected from monitoring well MW-11. CVOCs, more specifically, TCE and cis-1,2-dichloroethene were detected in each quarter at concentrations exceeding AWQS. TCE concentrations reached approximately 1,500 ppb in the fourth quarter sampling event. Trans-1,2-dichloroethene concentration exceedances were detected in the third and fourth quarter events and 1,1-dichloroethene was also detected at a concentration slightly exceeding AWQS in the fourth quarter. Several other CVOCs and some petroleum related compounds were also detected in the well during the reporting period; however, concentrations remained below AWQS.
- **Monitoring Well MW-12** – Primarily CVOCs were detected in each groundwater sampling event in monitoring well MW-12. Concentrations of CVOCs remained below AWQS with the exception of TCE detected during the fourth quarter event that was found to slightly exceed AWQS.

Refer to Table III for a tabulated summary of groundwater analytical results. Figure 4 shows a depiction of groundwater analytical results at their associated monitoring well locations.

4.3.3 Groundwater Monitoring Well Sampling Trends

General groundwater monitoring trends are described below. Data for the past two years was utilized for analysis.

- **Monitoring Well MW-5DR** – VOCs in MW-5DR appear to be relatively stable with a slight increasing trend over the past 2 years of sampling with minor localized peaks and valleys.
- **Monitoring Well MW-7** – VOC concentrations have remained relatively stable over the past 2 years with a minor uptick in 2024. The concentrations remain very low and don't appear to indicate any migration of contaminants off-site at this time. MW-7 is considered to be downgradient of the site and site related impacts.
- **Monitoring Well MW-8** – VOCs concentrations in monitoring well MW-8 show a general decreasing trend over the past two years and have reduced significantly from concentrations detected in October of 2023. MW-8 is located upgradient of the site and site related impacts based on typical groundwater flow direction.
- **Monitoring Well MW-10SR** – Concentrations of VOC in monitoring well MW-10SR were relatively stable from the end of 2021 until the end of 2023 when some volatility in concentrations was encountered with peaks in December of 2023 and June of 2024. Despite the peaks, trends indicate a slight increasing trend in total VOCs in this monitoring well.
- **Monitoring Well MW-10DR** – Concentrations of VOC in monitoring well MW-10DR were relatively stable from the end of 2021 until September 2023 when a sharp increase in total VOCs another sharp increase was identified in September 2024. Despite the increase in volatility in this well, the general trend appears to be relatively stable. Volatility could indicate some migration of contaminants on-site based on site groundwater flow directions or



groundwater elevation variation could be encountering some contaminants in soils that are not typically saturated.

- **Monitoring Well MW-11** – There is an increasing trend in VOCs in monitoring well MW-11 over the last two years with a recent spike in total VOCs in September of 2024. The trend may indicate some residual impacted groundwater migration is occurring on site.
- **Monitoring Well MW-12** – Primarily CVOCs were detected in each groundwater sampling event in monitoring well MW-12. Concentrations of CVOCs remained below AWQS with the exception of TCE detected during the fourth quarter event that was found to slightly exceed AWQS.

Refer to Table IV displaying tabulated CVOc concentrations in groundwater samples dating back to December 2022 to show historical trends. Groundwater contaminant trends are graphically displayed in Appendix 5.

4.4 Soil Gas Monitoring Data

4.4.1 Soil Gas Point Sampling

Soil gas sampling was completed from the following six (6) monitoring points during each quarter of the reporting period:

- SV-4
- SG-5R
- SG-6R
- SG-7R
- SG-8
- SV-9

Soil gas samples were collected in laboratory certified six-liter Summa canisters with associated flow controllers set to a collection time of approximately 2-hours for a rate of approximately three (3) liters per hour. Canisters were connected with tubing to soil vapor monitoring points for collection.

Samples were transported to York Analytical Laboratories, Inc. located in Stratford, Connecticut (ELAP #10854) under standard chain of custody procedures for analysis of VOCs via USEPA Method TO-15. No applicable regulatory criteria exists for comparison of soil gas results.

Soil gas monitoring points SG-5R and SV-9 were damaged during sidewalk replacement. The points were replaced/repared in January of 2024.

4.4.2 Soil Gas Results

The following consists of a summary of laboratory results for soil gas during the reporting period:

- **SV-4** – Several VOCs were detected during each quarter and total VOCs detected increase each quarter of the reporting period. TCE was not detected in the first quarter and low levels were detected during the second and third quarters. PCE was not detected during the first, second or third quarter of the reporting period. Relative to the first three quarters, elevated PCE and TCE concentrations, 60 ug/m³ and 39 ug/m³, respectively, were detected during the fourth quarter. Low concentrations of cis-1,2-dichloroethene and vinyl chloride were detected in the fourth quarter.
- **SG-5R** – The monitoring point was not sampled in the first quarter due to damage during sidewalk replacement. VOCs were detected in each of the samples collected. TCE and PCE



were detected in each of the samples. Low level concentrations of is-1,2-dichloroethene was detected in the third and fourth quarters and vinyl chloride was detected at a low level in the fourth quarter.

- **SG-6R** – Several VOCs were detected in each of the samples collected during the quarter. PCE, cis-1,2-dichloroethene and vinyl chloride were not detected in the samples and TCE was detected at a low level in only the first quarter sample. Total VOCs were highest during the third quarter.
- **SG-7R** – PCE, TCE, cis-1,2-dichloroethene and vinyl chloride were not detected in the first second or fourth quarters. TCE, PCE and vinyl chloride were detected but at relatively low concentrations during the third quarter sampling. Total VOCs in the samples were very high when compared to other soil gas samples completed during the reporting period. The elevated total VOCs are primarily a result of elevated concentrations of acetone detected in the samples.
- **SG-8** – Relatively low concentrations of TCE were detected in samples collected during the first and fourth quarters and a low concentration of PCE was detected in the third quarter. Several other VOCs were detected in each of the samples. Total VOCs were relatively high in the third quarter primarily due to elevated detections of acetone in the sample.
- **SV-9** – Several VOCs were detected in each of the samples collected during the reporting period. PCE was only detected during the third and fourth quarter of the reporting period with the highest PCE concentration detected at 12 ug/m³ in the third quarter.

Refer to Table V for a tabulated summary of soil gas analytical results. Refer to Figure 5 for a depiction of soil gas analytical results at their associated monitoring point locations. Refer to Appendix 4 for the quarter 1 through quarter 4 Quarterly Monitoring Reports (QMRs) by Advanced Site Restoration (ASR) which include the soil gas laboratory analytical reports as Appendix B in each of the QMRs.

4.4.3 Soil Gas Trends

General soil gas trends are described below. Data for the past two years was used to analyze overall trends.

Elevated readings for acetone in several of the samples collected during the most recent reporting period have led to some higher total VOC concentrations than what are typically seen at the site based on historical data. The highest acetone concentration detected was in the SG-8 monitoring point during June sampling event where a concentration of 14,000 ug/m³ was detected which is considerable higher than any other concentrations detected in recent history.

VOC concentrations in SV-4 located just off the property seem to be more sensitive to the SVES system operation than some of the other soil gas sampling locations. Soil gas will typically follow the path of least resistance in the subsurface which potentially could be why this particular location is more affected. The SVES was down in late august due to some electrical issues and the September sampling event show higher concentrations of TCE and PCE in SV-4 following this event. Similar trends were noted in 2023 and in 2022 following downtime of the system.



Some increases in PCE concentrations were seen in June of 2024 in monitoring points SV-9 and SG-5R located off-site to the north and along the northern site border, respectively; however, the concentrations decreased in the September 2024 monitoring event.

Overall trends in TCE and PCE in soil gas appear to be generally decreasing. Some spikes in concentrations were seen toward the middle to end over 2024 however; the localized peaks are much lower than some of the other peaks in concentrations in the past 2 years. Although a decreasing trend was identified, the trend is likely significantly impacted by the operation of the SVES.

Refer to Table VI displaying tabulated CVOC concentrations in soil gas samples dating back to December 2022 to show historical trends. Soil gas contaminant trends are graphically displayed in Appendix 6.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Compliance

The requirements dictated in the SMP regarding IC/EC's and the Monitoring Plan were generally met during the reporting period. As such, no steps are currently deemed necessary to correct areas of non-compliance.

5.2 Performance and Effectiveness of Remedy

Institutional controls in place appear to be protective of human health and the environment. Additionally, the engineering controls including the cover system and the SVES continue to operate effectively. The cover system continues to prevent contact with potentially impacted soil and groundwater below the site. The SVES remains operational with the exception of periods of downtime as noted in the text and has been inspected and monitored to comply with the remedy and is used to control the migration of soil gas.

The overall groundwater flow direction appeared to be generally towards the north. Groundwater monitoring has identified primarily chlorinated solvents in the groundwater with some more minor detections of petroleum related VOCs. The concentrations detected are generally stable with some variability from one quarter to the next.

An evaluation of the components of the SMP during this reporting period indicate the IC/EC controls were protective of human health and the environment. The monitoring plan sufficiently monitored the performance of the remedy.

5.3 Recommendations

Based on the monitoring and inspections completed at the site, LaBella recommends the following:

1. It is recommended that semi-annual differential pressure readings at each of the soil vapor sampling points is conducted to confirm influence of the SVES.



2. Continue on-going operation, maintenance and monitoring of the SVES to keep the system operational as close to continuous as possible.
3. Reduce the groundwater and soil vapor monitoring frequency from quarterly to semi-annually for the presence of VOCs. This recommendation is made based on the extensive history of data already available for the Site and the overall decreasing trend of contaminant concentrations. Specifically, it is recommended that the sampling be conducted in the Spring (March) and Fall (September) events. Semi-annual sampling will adequately monitor the remaining contamination and the potential for migration. Furthermore, semi-annual sampling will reduce the amount of work associated with soil vapor and groundwater monitoring and thus reduce greenhouse gas emissions and waste materials generated from the sampling events (e.g., manufacturing/shipping/disposal of laboratory bottleware, disposal sampling materials, etc.).
4. Since residual contamination remains at the site, all other applicable site management requirements should be continued.

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MCKIBBIN ST, BROOKLYN, NY_12.2.2024.DOCX



FIGURES



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

**SITE LOCATION
MAP**

FIGURE NO.

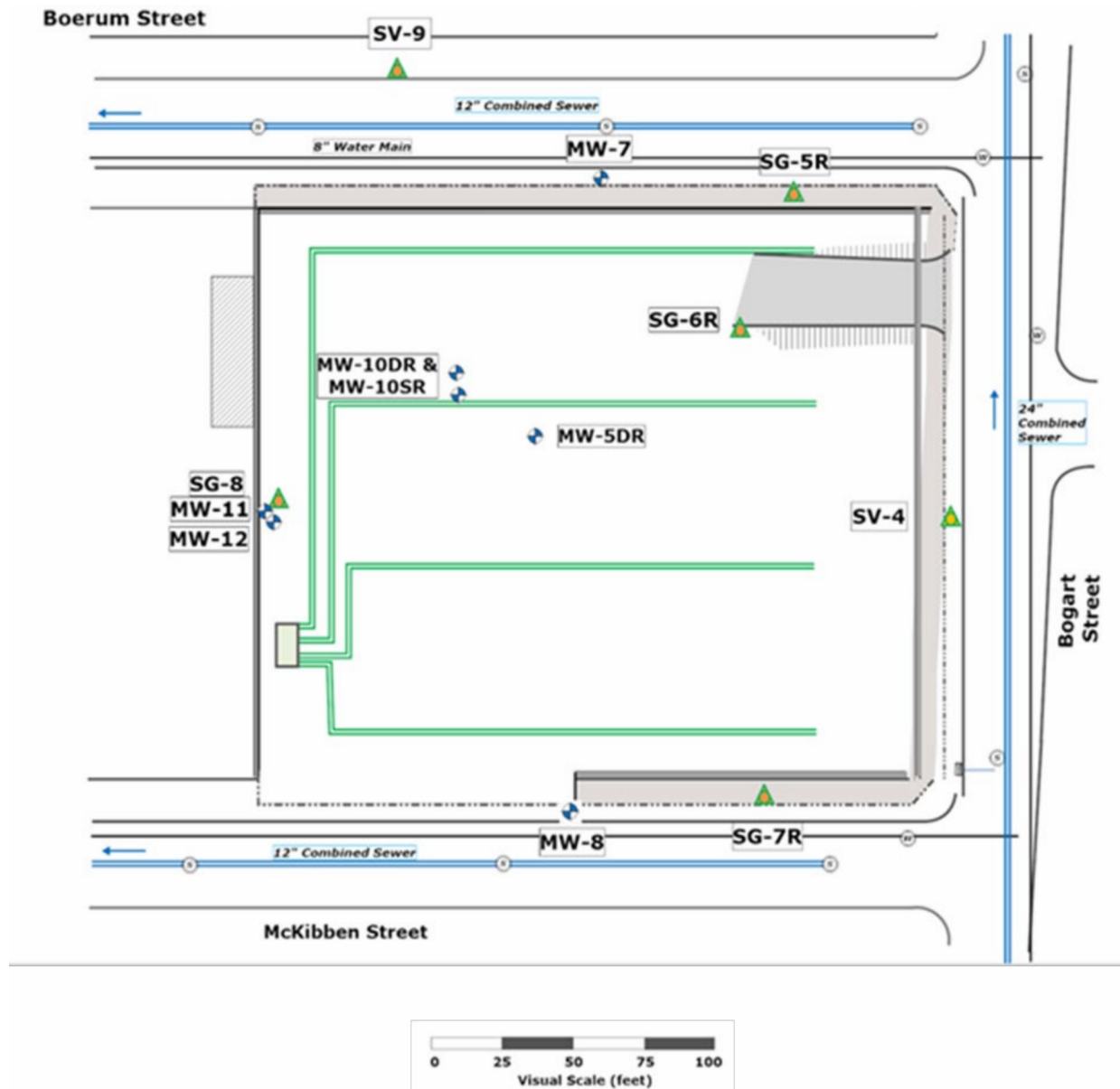
1

KEY

- - - Approximate Property Boundary

NOTES:

Drawing features and Site boundaries
were obtained from Quarterly Reports
and should be considered
approximate.



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

**SITE PLAN AND
MONITORING
NETWORK**

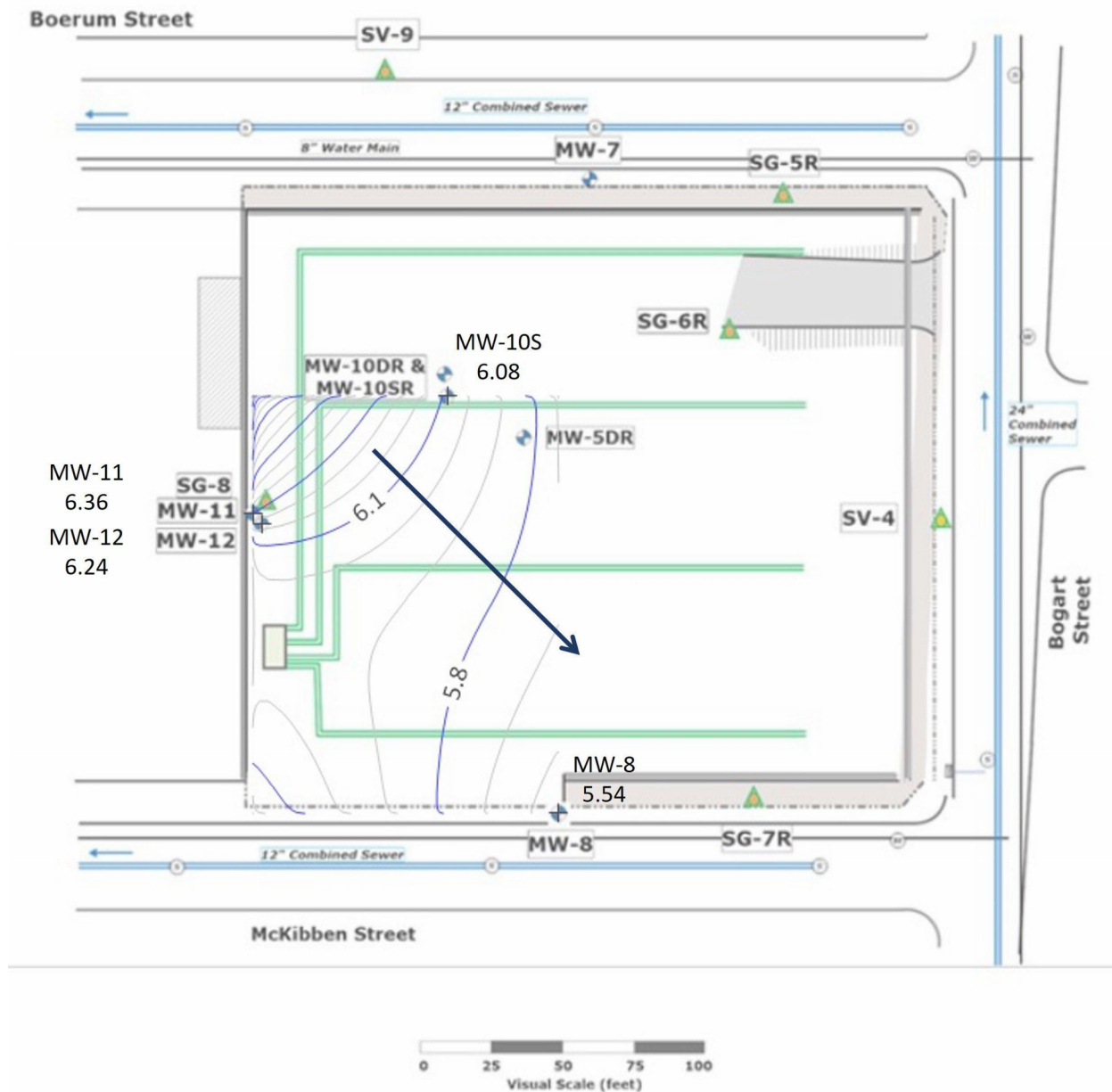
FIGURE NO.

2

Key

- Monitoring Well
- Vapor Probe
- Fence Raised Shelf Foundation Wall
- SVE Underground Slotted PVC Piping

NOTES:
Drawing features and Site boundaries were obtained from Quarterly Reports and should be considered approximate.



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

GROUNDWATER
CONTOURS
DECEMBER 2023

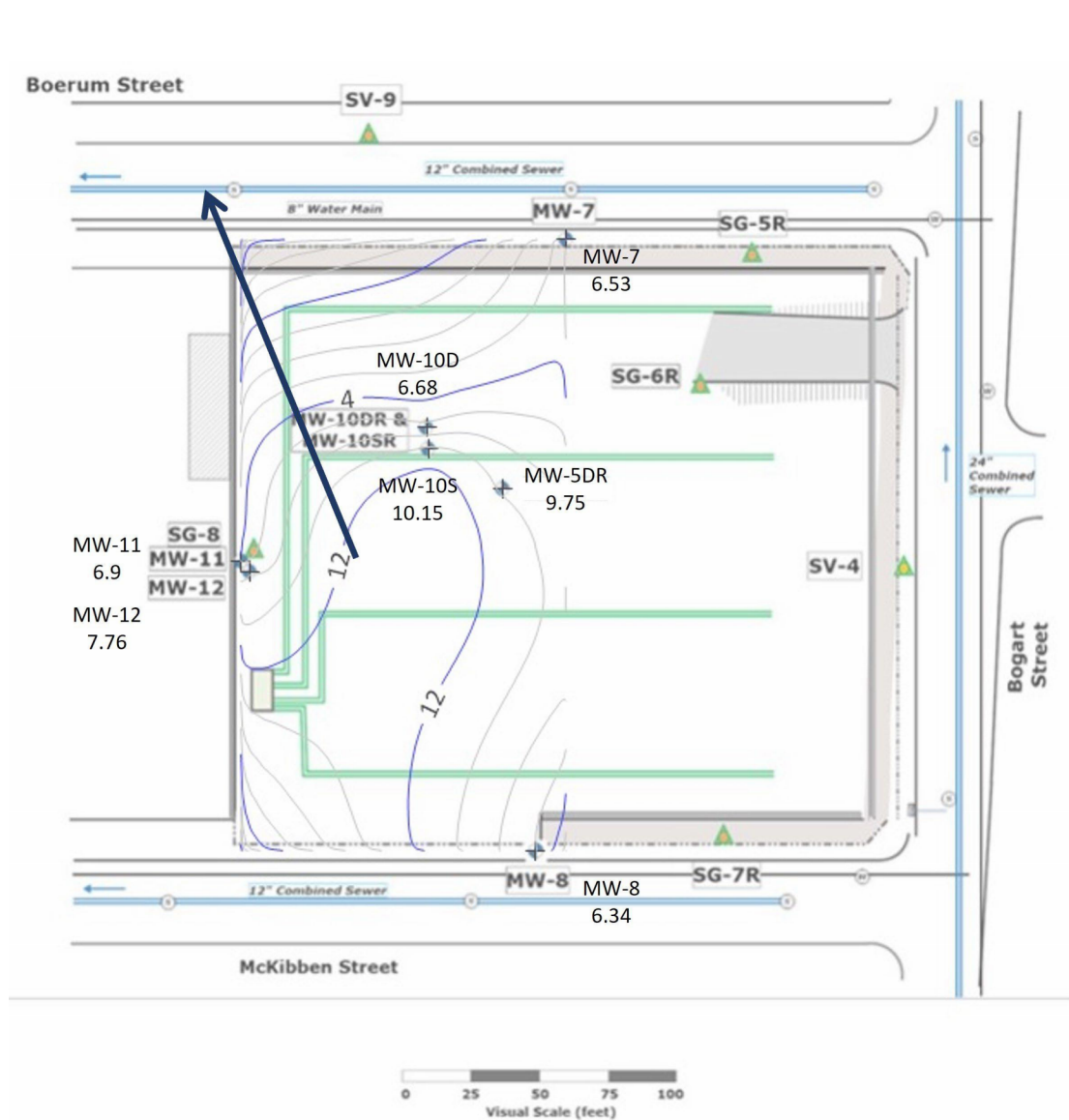
FIGURE NO.

3A

Key

- Monitoring Well
- Vapor Probe
- Fence
- Raised Shelf
- Foundation Wall
- SVE Underground Slotted PVC Piping
- Groundwater Contour

NOTES:
Drawing features and Site boundaries were obtained from Quarterly Reports and should be considered approximate.



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

GROUNDWATER
CONTOURS
MARCH 2024

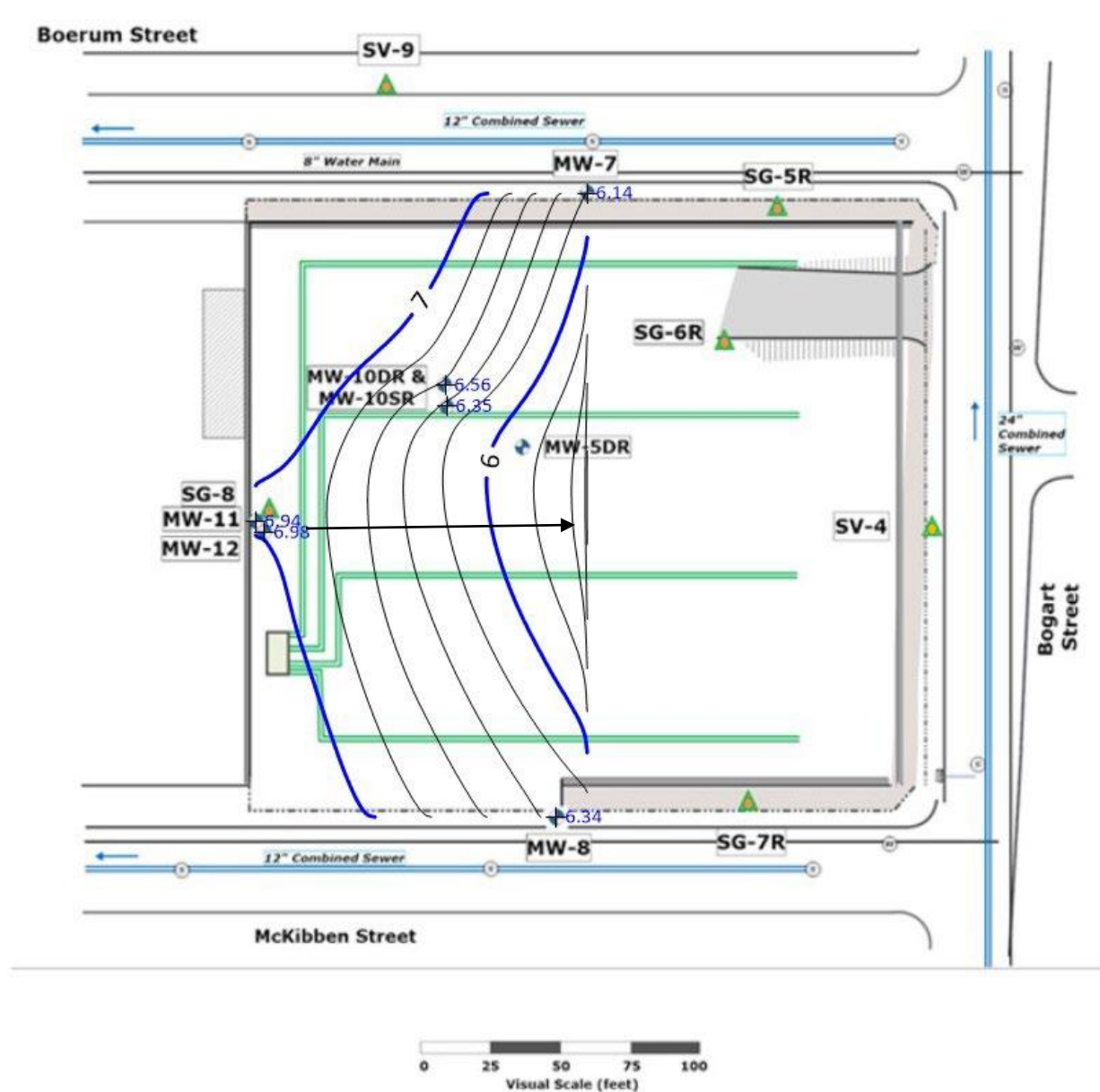
FIGURE NO.

3B

Key

- Monitoring Well
- Vapor Probe
- Fence
- Raised Shelf
- Foundation Wall
- SVE Underground Slotted PVC Piping
- Groundwater Contour

NOTES:
Drawing features and Site boundaries
were obtained from Quarterly Reports
and should be considered
approximate.



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

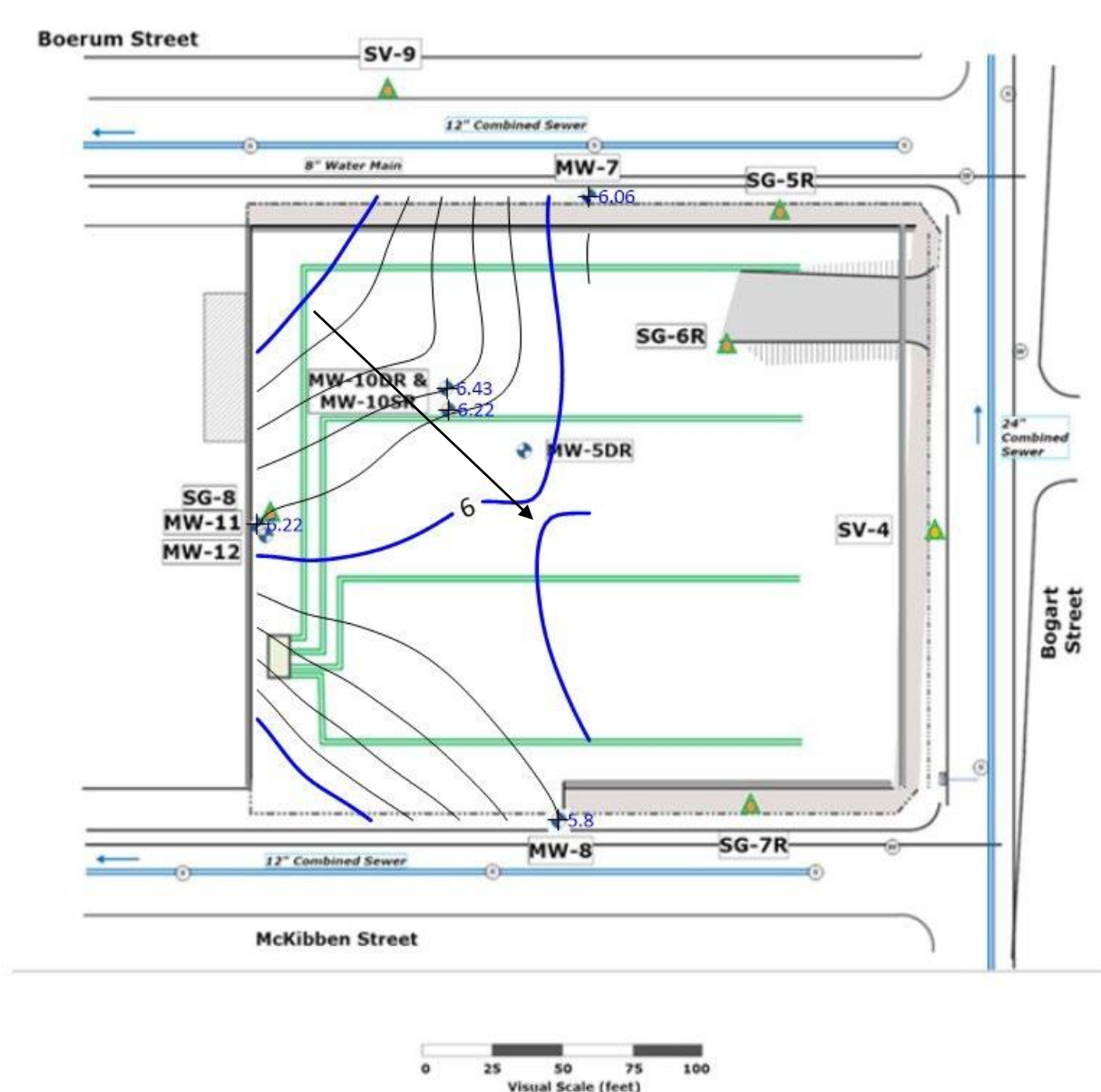
GROUNDWATER
CONTOURS
JUNE 2024

FIGURE NO.

3C

Key	
	Monitoring Well
	Vapor Probe
	Fence Raised Shelf Foundation Wall
	SVE Underground Slotted PVC Piping
	Groundwater Contour

NOTES:
Drawing features and Site boundaries were obtained from Quarterly Reports and should be considered approximate.



PERIODIC REVIEW REPORT
NYSDEC SITE # C224102

353 MCKIBBIN STREET
BROOKLYN, NEW YORK

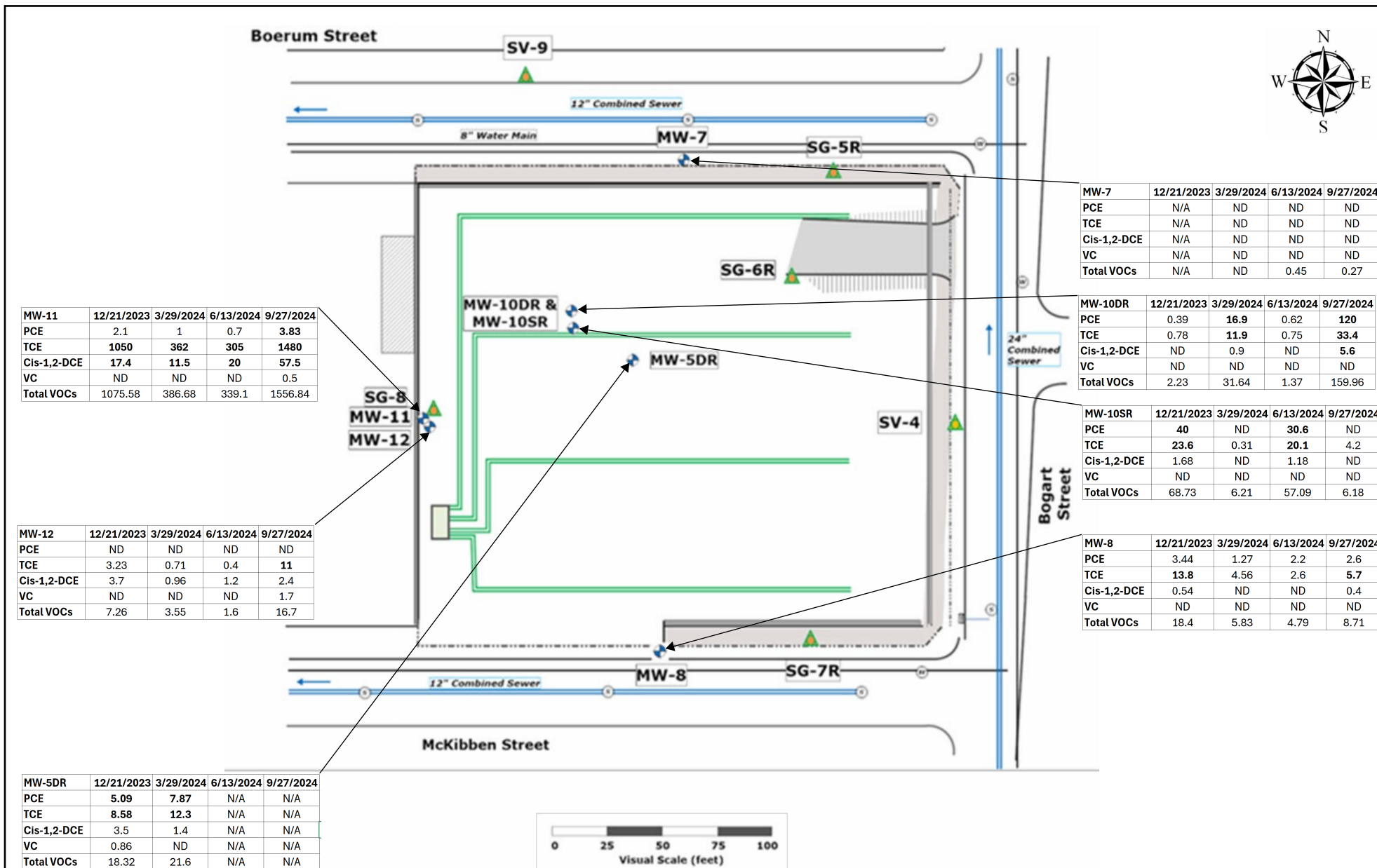
TITLE:
GROUNDWATER
CONTOURS
SEPTEMBER 2024

FIGURE NO.
3D

Key

- Monitoring Well
- Vapor Probe
- Fence
- Raised Shelf
- Foundation Wall
- SVE Underground Slotted PVC Piping
- Groundwater Contour

NOTES:
Drawing features and Site boundaries
were obtained from Quarterly Reports
and should be considered
approximate.



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

GROUNDWATER
ANALYTICAL
RESULTS SUMMARY

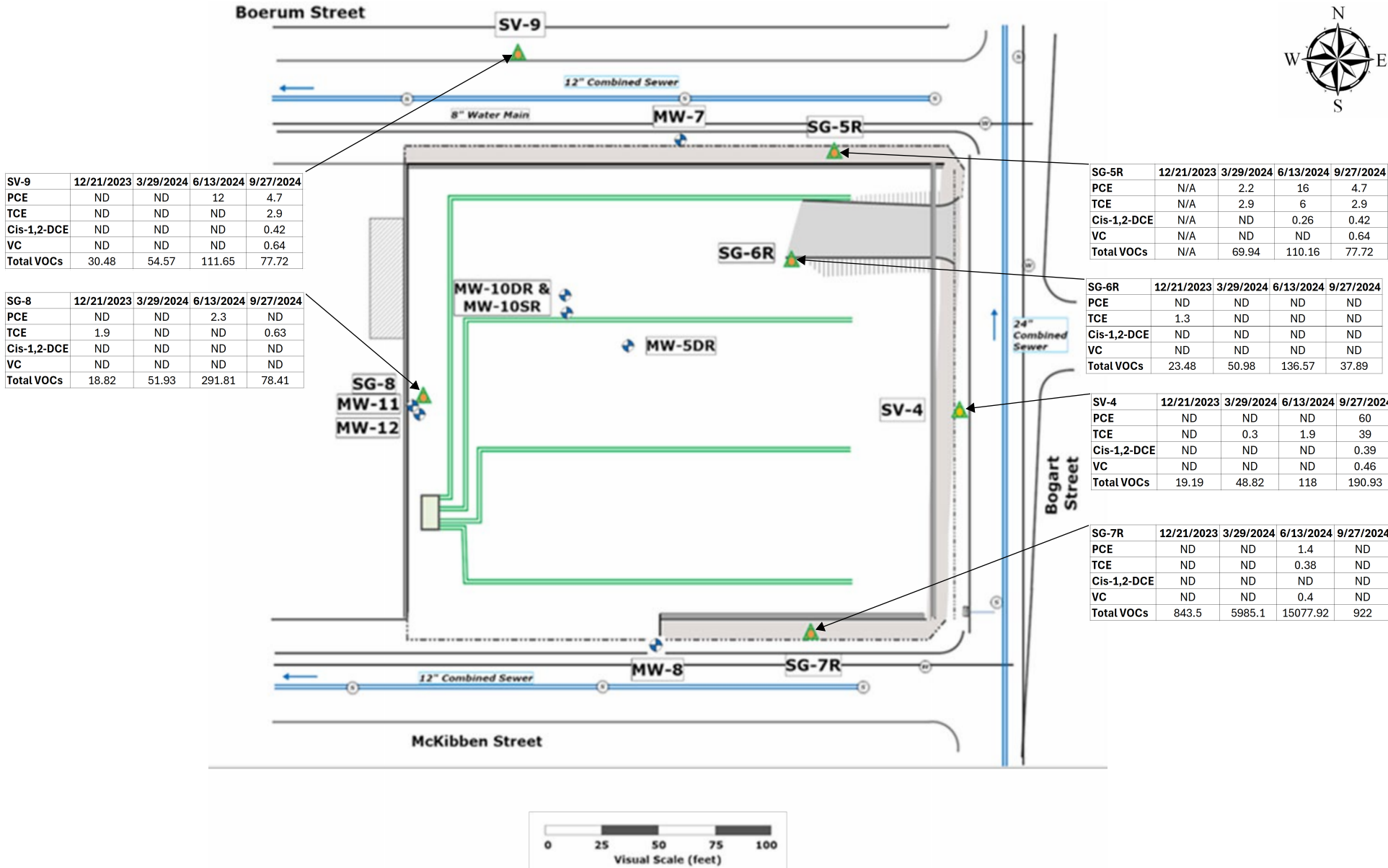
FIGURE NO.

4

Key	
	Monitoring Well
	Vapor Probe
	Fence Raised Shelf Foundation Wall
	SVE Underground Slotted PVC Piping

NOTES:

1. Drawing features and Site boundaries were obtained from Quarterly Reports and should be considered approximate.
2. **BOLD** Concentrations exceed TOGS 1.1.1 Class GA Groundwater Standards
3. ND - indicates not detected above laboratory reporting limit
4. NA - indicates not analyzed
5. Concentrations are displayed in micrograms per liter (ug/L) or parts per billion (ppb)



**PERIODIC REVIEW REPORT
NYSDEC SITE # C224102**

**353 MCKIBBIN STREET
BROOKLYN, NEW YORK**

TITLE:

SOIL GAS
ANALYTICAL
RESULTS SUMMARY

FIGURE NO.

5

Key

- Monitoring Well
- Vapor Probe
- Fence Raised Shelf Foundation Wall
- SVE Underground Slotted PVC Piping

NOTES:

1. Drawing features and Site boundaries were obtained from Quarterly Reports and should be considered approximate.
3. ND - indicates not detected above laboratory reporting limit
4. NA - indicates not analyzed
5. Concentrations are displayed in micrograms per cubic meter (ug/m³)



TABLES

Table I - Groundwater Elevations

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	12/21/2023	18.42	9.69	8.73
MW-8	12/21/2023	17.33	11.79	5.54
MW-10S	12/21/2023	14.47	8.39	6.08
MW-10D	12/21/2023	14.61	5.75	8.86
MW-11	12/21/2023	17.21	10.85	6.36
MW-12	12/21/2023	16.87	10.63	6.24

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	3/29/2024	18.42	8.67	9.75
MW-7	3/29/2024	17.05	10.52	6.53
MW-8	3/29/2024	17.33	10.99	6.34
MW-10S	3/29/2024	14.47	4.32	10.15
MW-10D	3/29/2024	14.61	7.93	6.68
MW-11	3/29/2024	17.21	10.31	6.9
MW-12	3/29/2024	16.87	9.11	7.76

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	6/12/2024	18.42	N/A	N/A
MW-7	6/12/2024	17.05	10.91	6.14
MW-8	6/12/2024	17.33	10.99	6.34
MW-10S	6/12/2024	14.47	8.12	6.35
MW-10D	6/12/2024	14.61	8.05	6.56
MW-11	6/12/2024	17.21	10.27	6.94
MW-12	6/12/2024	16.87	9.89	6.98

N/A: The monitoring well was inaccessible

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	9/27/2024	18.42	N/A	N/A
MW-7	9/27/2024	17.05	10.99	6.06
MW-8	9/27/2024	17.33	11.53	5.80
MW-10S	9/27/2024	14.47	8.25	6.22
MW-10D	9/27/2024	14.61	8.18	6.43
MW-11	9/27/2024	17.21	10.99	6.22
MW-12	9/27/2024	16.87	11.51	5.36

N/A: The monitoring well was inaccessible

Table II - Groundwater Monitoring Well Depths and Chemistry

353 McKibbin Street, Brooklyn, New York

21-Dec-23

Monitoring Well #	<i>MW-5S</i>			<i>MW-5DR *</i>			<i>MW-7</i>			<i>MW-8 *</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)				9.69						11.79		
Depth to Bottom (ft bgs)												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)				8.73						5.54		
Temperature (°C)				1117								
Conductivity (µS/cm)				475								
Dissolved Oxygen (mg/L)				4.75								
pH				6.69								
Oxygen Reduction Potential				110.9								
Turbidity				38.1								

Monitoring Well #	<i>MW-10S *</i>			<i>MW-10D *</i>			<i>MW-11</i>			<i>MW-12</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth To Water	8.39			5.75			10.85			10.63		
Depth To Bottom												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)	6.08			8.86			6.36			6.24		
Temperature (°C)	13.59			10.05			13.74	13.78	13.83	12.18	12.31	12.34
Conductivity (µS/cm)	0.804			0.38			1045	1045	1045	356.0	344.0	348.0
Dissolved Oxygen (mg/L)	24.38			5.96			4.78	4.64	4.43	5.35	5.21	5.19
pH	6.80			7.69			6.38	6.38	6.35	6.63	6.65	6.65
Oxygen Reduction Potential	93.3			85.8			118.3	119.1	119.2	110.4	110.3	110.3
Turbidity	71.1	50.8	31.2	80.4	54.4	41.1	16.2	17.4	17.0	58.5	47.6	41.2

Notes: * Not measured due to equipment malfunction

Table II - Groundwater Monitoring Well Depths and Chemistry (Continued)

353 McKibbin Street, Brooklyn, New York

29-Mar-24

Monitoring Well #	<i>MW-5S</i>			<i>MW-5D</i>			<i>MW-7</i>			<i>MW-8</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)				8.67			10.52			10.99		
Depth to Bottom (ft bgs)				37.70			17.89			17.92		
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)				11.33	11.38	11.48	12.60	12.40	12.62	13.17	13.14	13.16
Conductivity (µS/cm)				1144	1146	1149	796.000	789.000	772.000	1994	1999	2014
Dissolved Oxygen (mg/L)				3.57	2.02	1.02	5.51	5.61	5.52	1.83	0.96	0.87
pH				5.08	5.68	6.53	6.43	6.42	6.43	5.95	6.05	6.07
Oxygen Reduction Potential				34.5	12.3	-0.6	-9.6	-8.1	-7.3	4.8	5.6	6.1
Turbidity*												

Monitoring Well #	<i>MW-10S</i>			<i>MW-10D</i>			<i>MW-11</i>			<i>MW-12</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth To Water	4.32			7.93			10.31			9.11		
Depth To Bottom	16.23			40.91			44.44			17.38		
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)	11.87	11.14	11.03	12.23	12.42	12.58	14.22	14.30	14.44	9.80	9.90	10.03
Conductivity (µS/cm)	250.0	249.0	250.0	894.00	898.00	900.0	1036.0	1038.0	1042.0	214.0	215.0	216.0
Dissolved Oxygen (mg/L)	7.97	8.09	8.14	4.48	9.31	4.29	2.48	2.14	2.17	8.68	8.46	8.28
pH	5.70	5.73	5.75	6.75	6.10	6.02	4.92	4.86	4.70	4.81	4.89	4.85
Oxygen Reduction Potential	-20.7	-19.1	-18.6	-10.6	-11.9	-11.4	25.5	28.1	34.0	29.1	28.7	28.4
Turbidity*							37.6	36.0	37.0	44.6	47.2	40.4

Notes: * Not measured due to equipment malfunction

Table II - Groundwater Monitoring Well Depths and Chemistry (Continued)

353 McKibbin Street, Brooklyn

12-Jun-24

Monitoring Well #	<i>MW-7</i>			<i>MW-7 (old)</i>			<i>MW-10SR</i>			<i>MW-10DR</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	10.91			11.95			8.12			8.05		
Depth to Bottom (ft bgs)												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)	14.13	14.13	14.12				15.24	15.26	15.27	16.00	16.01	16.01
Conductivity (µS/cm)	676	676	675				1188	1188	1190	314	315	311
Dissolved Oxygen (mg/L)	-0.02	-0.02	-0.01				0.00	0.00	0.00	0.01	0.02	0.01
pH	8.21	8.24	8.28				12.15	12.16	12.15	11.29	11.21	11.28
Oxygen Reduction Potential	103.5	103.4	103.2				97.8	97.1	98.2	79.2	78.8	79.8
Turbidity	28.0	25.0	27.0				31.0	26.0	28.0	28.0	31.0	30.0

Monitoring Well #	<i>MW-8</i>			<i>MW-11</i>			<i>MW-12</i>					
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	10.99			10.27			9.89					
Depth to Bottom (ft bgs)												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)	17.53	17.54	17.54	17.01	17.03	17.09	15.64	15.42	15.38			
Conductivity (µS/cm)	3082	3071	3080	1136	1125	1111	257	227	219			
Dissolved Oxygen (mg/L)	0.83	0.99	1.28	1.03	1.08	1.17	0.45	0.49	0.58			
pH	7.97	8.17	8.17	6.02	6.13	6.10	5.97	5.91	5.89			
Oxygen Reduction Potential	73.9	72.2	70.2	21.1	22.3	27.5	20.2	22.1	25.8			
Turbidity	42.0	37.0	36.0	44.2	41.6	43.8	33.6	32.2	34.4			

Table II - Groundwater Monitoring Well Depths and Chemistry (Continued)

Site Name: 353 McKibbin Street, Brooklyn,
NY 11206 Date: 9/27/2024

Monitoring Well #	<i>MW-7</i>			<i>MW-7 (old)</i>			<i>MW-10SR</i>			<i>MW-10DR</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft. bgs)	10.99			11.81			8.25			8.18		
Depth to Bottom (ft. bgs)							13.90			48.26		
Total Water (ft.)	-10.99			-11.81			5.65			40.08		
Temperature (°C)	17.39	17.34	17.27	Not Sampled			19.94	19.68	19.66	17.27	17.24	17.22
Conductivity (µS/cm)	574	559	522				518	519	512	922	924	931
Dissolved Oxygen (mg/L)	1.88	1.82	1.95				0.54	0.58	0.58	0.61	0.60	0.58
pH	10.74	10.74	10.74				9.38	9.41	9.25	9.52	9.61	9.51
Oxygen Reduction Potential	-34.9	-31.9	-28.6				-26.1	-26.7	-28.9	-12.3	-12.1	-11.2
Turbidity	418.0	286.0	106.0				351.0	610.0	337.0	340.0	237.0	186.0

Monitoring Well #	<i>MW-8</i>			<i>MW-11</i>			<i>MW-12</i>					
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft. bgs)	11.53			10.99			11.51					
Depth to Bottom (ft. bgs)												
Total Water (ft.)	-11.53			-10.99			-11.51					
Temperature (°C)	18.79	18.86	18.88	16.97	17.03	16.87	17.03	17.05	17.12			
Conductivity (µS/cm)	2294	2304	2305	1208	1206	1205	391	396	387			
Dissolved Oxygen (mg/L)	0.81	0.77	0.76	1.41	1.22	1.22	0.95	0.93	0.87			
pH	10.21	10.12	10.07	10.94	10.92	10.91	10.21	10.23	10.10			
Oxygen Reduction Potential	-0.4	1.9	2.8	-44.9	-41.8	-41.5	-27.2	-27.7	-26.5			
Turbidity	29.0	26.0	23.8	40.8	30.9	41.5	431.0	319.0	234.0			

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	MW-11 12/21/2023		MW-12 12/21/2023		MW-5DR 12/21/2023		MW-10SR 12/21/2023		MW-10DR 12/21/2023		MW-8 12/21/2023	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		25		1		1		1		1		1	
1,1-Dichloroethane	5	0.00	U	0.00	U	0.29	J	0.00	U	0.00	U	0.00	U
1,1-Dichloroethylene	5	1.22		0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Chloroform	7	0.35	J	0.00	U	0.00	U	1.30		0.00	U	0.00	U
cis-1,2-Dichloroethylene	5	17.40		3.67		3.50		1.68		0.00	U	0.54	
MTBE	10	1.16		0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Methylene chloride	5	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Naphthalene	10	0.00	U	0.00	U	0.00	U	2.15	B	1.06	JB	0.62	JB
Tetrachloroethylene	5	2.10		0.00	U	5.09		40.00		0.39	J	3.44	
trans-1,2-Dichloroethylene	5	3.35		0.36	J	0.00	U	0.00	U	0.00	U	0.00	U
Trichloroethylene	5	1,050.00	D	3.23		8.58		23.60		0.78		13.80	
Vinyl Chloride	2	0.00	U	0.00	U	0.86		0.00	U	0.00	U	0.00	U

Q is the Qualifier Column with definitions as follows:

Regulator exceedances are highlighted **yellow**.

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

B=analyte found in the analysis batch blank

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results (continued)

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	MW-5DR 3/29/2024		MW-7 3/29/2024		MW-8 3/29/2024		MW-10S 3/29/2024		MW-10D 3/29/2024		MW-11 3/29/2024		MW-12 3/29/2024	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		25		1	
1,1-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.8		0.0	U
2-Butanone	50	0.0	U	0.0	U	0.0	U	0.6		0.0	U	0.0	U	0.0	U
4-Methyl-2-pentanone	~	0.0	U	0.0	U	0.0	U	1.3		0.0	U	0.0	U	0.0	U
Acetone	50	0.0	U	0.0	U	0.0	U	4.0		1.3	U	0.0	U	1.9	J
Chloroform	7	0.0	U	0.0	U	0.0	U	0.0	U	0.6		0.0	U	0.0	U
cis-1,2-Dichloroethylene	5	1.4		0.0	U	0.0	U	0.0	U	0.9		11.5		1.0	
Methyl acetate	~	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	1.3		0.0	U
Methyl tert-butyl ether (MTBE)	10	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	1.2		0.0	U
Methylcyclohexane	~	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	6.0		0.0	U
Methylene chloride	5	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U
Tetrachloroethylene	5	7.9		0.0	U	1.3		0.0	U	16.9		1.0		0.0	U
trans-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	3.0		0.0	U
Trichloroethylene	5	12.3		0.0	U	4.6		0.3	J	11.9		362.0	D	0.7	
Total VOCs	~	21.600		0.000		5.830		6.210		31.640		386.680		3.550	

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results (continued)

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	MW-7 6/13/2024		MW-8 6/13/2024		MW-10SR 6/13/2024		MW-10DR 6/13/2024		MW-11 6/13/2024		MW-12 6/13/2024	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		10		1	
1,1-Dichloroethylene	5	0.0	U	0.0	U	0.3	U	0.0	U	1.0		0.0	U
Acetone	50	0.0	U	0.0	U	1.3	U	0.0	U	1.7	J	0.0	U
Chloroform	7	0.0	U	0.0	U	1.8		0.0	U	0.0	U	0.0	U
cis-1,2-Dichloroethylene	5	0.0	U	0.0	U	1.2		0.0	U	20		1.2	
Methyl tert-butyl ether (MTBE)	10	0.0	U	0.0	U	0.2	U	0.0	U	1.5		0.0	U
Methylene chloride	5	0.0	U	0.0	U	0.4	U	0.0	U	0.0	U	0.0	U
Naphthalene	10	0.5	J	0.0	U	0.2	U	0.0	U	0.0	U	0.0	U
tert-Butyl alcohol (TBA)	~	0.0	U	0.0	U	0.6	U	0.0	U	1.6		0.0	U
Tetrachloroethylene	5	0.0	U	2.2		30.6		0.6		0.7		0.0	U
trans-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.3	U	0.0	U	7.7		0.0	U
Trichloroethylene	5	0.0	U	2.6		20.1		0.8		305	D	0.4	J
Total VOCs		0.5		4.8		57.1		1.4		339.1		1.6	

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-7 9/27/2024 Ground Water		MW-8 9/27/2024 Ground Water		MW-10S 9/27/2024 Ground Water		MW-10D 9/27/2024 Ground Water		MW-11 9/27/2024 Ground Water		MW-12 9/27/2024 Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER Dilution Factor	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
		1		1		1		10		25		1	
1,1-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	5.7		0.0	U
cis-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	5.6		57.0		0.0	U
Tetrachloroethylene	5	0.0	U	2.6	J	0.0	U	120.0	D	3.8	J	0.0	U
trans-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	7.7		0.0	U
Trichloroethylene	5	0.0	U	5.7		4.2	J	33.0		1,500.0	D	11.0	

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-5DR (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	11.2	8.98	N/A	18.8	5.09	7.87	N/A	N/A
Trichloroethylene	10.6	12.1	N/A	14.2	8.58	12.3	N/A	N/A
cis-1,2-Dichloroethylene	0.32	0.47	N/A	1.58	3.50	1.4	N/A	N/A
Vinyl Chloride	0.0	0.0	N/A	0.0	0.86	0.0	N/A	N/A
Total VOCs	23.53	21.55	N/A	38.60	18.32	21.6	N/A	N/A

MW-7 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0
Trichloroethylene	0.26	0.0	N/A	N/A	N/A	0.0	0.0	0.0
cis-1,2-Dichloroethylene	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0
Vinyl Chloride	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0
Total VOCs	0.67	0.00	N/A	N/A	N/A	0.0	0.45	0.27

MW-8 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	4.67	4.90	5.39	14.20	3.44	1.27	2.2	2.6
Trichloroethylene	16.2	20.3	12.4	27.4	13.8	4.56	2.6	5.7
cis-1,2-Dichloroethylene	0.63	0.74	0.44	1.58	0.54	0.0	0.0	0.4
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	21.50	26.22	21.95	46.97	18.40	5.83	4.79	8.71

MW-10SR (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	40.00	0.0	30.6	0.0
Trichloroethylene	23.6	26.7	21.7	50.5	23.6	0.31	20.1	4.2
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	1.68	0.00	1.18	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	68.73	6.21	57.09	6.18

MW-10DR (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	0.39	16.9	0.62	120.0
Trichloroethylene	23.6	26.7	21.7	50.5	0.78	11.9	0.75	33.4
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	0.0	0.90	0.0	5.6
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	2.23	31.64	1.37	159.96

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Table IV: Historical Trends for Groundwater Analytical Results

MW-11 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	2.84	2.22	4.35	4.03	2.10	1	0.7	3.83
Trichloroethylene	257	380	459	434	1050	362	305	1,480
cis-1,2-Dichloroethylene	7.24	21.70	24.80	28.70	17.40	11.50	20.0	57.5
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total VOCs	272.00	416.38	498.45	476.55	1,075.58	386.68	339.10	1,556.84

MW-12 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trichloroethylene	1.58	4.47	0.63	1.93	3.23	0.71	0.4	11
cis-1,2-Dichloroethylene	1.23	65	0.48	1.05	3.7	0.96	1.2	2.4
Vinyl Chloride	0.0	27.4	1.18	0.0	0.0	0.0	0.0	1.7
Total VOCs	5.18	104.20	6.65	8.43	7.26	3.55	1.60	16.7

Table V - Summary Soil Vapor Analytical Results

Sample ID	SV-9		SG-6R		SG-7R		SV-4		SG-8	
Sampling Date	12/21/2023		12/21/2023		12/21/2023		12/21/2023		12/21/2023	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	2.226		2.078		19.54		1.99		2.079	
2-Butanone	0.85	D	0.00	U	31.00	D	0.65	D	1.50	D
Acetone	6.00	D	9.10	D	740.00	D	5.90	D	4.80	D
Acrylonitrile	6.10	BD	0.90	J	8.50	J	0.86	J	0.90	J
Benzene	0.71	D	0.66	U	0.00	U	0.70	D	0.00	U
Carbon disulfide	0.00	U	3.00	D	0.00	U	0.00	U	0.97	D
Carbon tetrachloride	0.42	D	0.39	D	0.00	U	0.38	D	0.39	D
Chloromethane	1.40	D	0.73	D	0.00	U	1.30	D	0.86	D
Dichlorodifluoromethane	2.30	D	2.30	D	0.00	U	2.40	D	2.40	D
Isopropanol	4.40	BD	3.80	J	45.00	BD	4.20	BD	3.80	J
n-Heptane	4.70	D	0.00	U	0.00	U	0.00	U	0.00	U
n-Hexane	1.00	D	0.00	U	0.00	U	0.00	U	0.00	U
Propylene	0.00	U	0.00	U	19.00	D	0.00	U	0.00	U
Toluene	1.30	D	0.00	U	0.00	U	1.60	D	0.00	U
Trichloroethylene	0.00	U	1.30	D	0.00	U	0.00	U	1.90	D
Trichlorofluoromethane (Freon 11)	1.30	D	1.30	D	0.00	U	1.20	D	1.30	D

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

B=analyte found in the analysis batch blank

Table V - Summary Soil Vapor Analytical Results (continued)

Sample ID	SV-4		SG-5R		SG-6R		SG-7R		SG-8		SV-9	
Sampling Date	3/29/2024		3/29/2024		3/29/2024		3/29/2024		3/29/2024		3/29/2024	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP) Add On	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.523		1.454		1.476		15.6		1.609		1.752	
2,2,4-Trimethylpentane	0.4	D	0.3	D	0.0	U	0.0	U	0.000	U	0.000	U
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.523		1.454		1.476		83.52		1.609		1.752	
1,2,4-Trimethylbenzene	1.9	D	7.1	D	0.0	U	0.0	U	0.8	U	0.0	U
1,3,5-Trimethylbenzene	0.0	U	1.6	D	0.0	U	0.0	U	0.8	U	0.0	U
1,4-Dichlorobenzene	1.1	D	0.0	U	0.0	U	0.0	U	1.0	U	0.0	U
2-Butanone	1.5	D	1.2	D	1.7	D	190.0	D	4.8	D	1.6	D
2-Hexanone	0.0	U	0.0	U	0.0	U	20.0	D	1.3	U	0.0	U
4-Methyl-2-pentanone	0.8	D	0.0	U	0.0	U	0.0	U	0.7	U	0.8	D
Acetone	13.0	D	15.0	D	37.0	D	5,500.0	D	22.0	D	38.0	D
Acrylonitrile	0.0	U	0.0	U	0.0	U	4.1	D	0.4	U	0.0	U
Benzene	0.9	D	0.0	U	0.0	U	0.0	U	0.5	U	0.7	D
Carbon disulfide	0.0	U	0.5	D	0.0	U	0.0	U	0.5	U	0.0	U
Carbon tetrachloride	0.3	D	0.0	U	0.3	D	0.0	U	0.3	U	0.3	D
Chloroform	0.0	U	5.5	D	0.0	U	0.0	U	0.8	U	0.0	U
Chloromethane	1.4	D	0.0	U	1.7	D	0.0	U	1.7	D	1.3	D
Dichlorodifluoromethane	2.3	D	2.7	D	2.5	D	0.0	U	2.5	D	2.3	D
Ethyl acetate	1.1	D	0.0	U	0.0	U	0.0	U	1.2	U	0.0	U
Ethyl Benzene	1.1	D	2.3	D	0.0	U	0.0	U	0.7	U	0.0	U
Isopropanol	8.5	D	1.8	D	1.3	D	81.0	D	1.3	D	1.9	D
Methylene chloride	1.2	D	0.0	U	0.0	U	0.0	U	1.1	U	0.0	U
n-Heptane	0.0	U	1.3	D	0.0	U	0.0	U	0.7	U	0.0	U
n-Hexane	0.6	D	0.8	D	0.0	U	0.0	U	0.6	U	0.6	D
o-Xylene	1.5	D	3.8	D	0.0	U	0.0	U	0.7	U	0.0	U
p- & m- Xylenes	4.6	D	9.5	D	0.0	U	0.0	U	1.4	U	2.5	D
p-Ethyltoluene	1.5	D	5.4	D	0.0	U	0.0	U	0.8	U	0.0	U
Propylene	1.5	D	0.5	D	1.0	D	190.0	D	1.1	D	1.5	D
Tetrachloroethylene	0.0	U	2.2	D	0.0	U	0.0	U	0.0	U	0.0	U
Toluene	2.6	D	4.3	D	4.3	D	0.0	U	3.3	D	1.8	D
Trichloroethylene	0.3	D	2.9	D	0.0	U	0.0	U	0.0	U	0.0	U
Trichlorofluoromethane (Freon 11)	1.2	D	1.5	D	1.2	D	0.0	U	1.2	D	1.2	D
Total VOCs	48.8		69.9		51.0		5,985.1		51.9		54.6	

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 U=analyte not detected at or above the level indicated

Table V - Summary Soil Vapor Analytical Results (continued)

Sample ID	SV-4		SG-5R		SG-6R		SG-7R		SG-8		SV-9	
Sampling Date	6/13/2024		6/13/2024		6/13/2024		6/13/2024		6/13/2024		6/13/2024	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP)	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Add On												
Dilution Factor	1.716		1.612		1.726		1.76		1.977		1.76	
2,2,4-Trimethylpentane	3.850	D	0.377	D	1.610	D	2.380	D	1.390	D	2.060	D
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.716		1.612		1.726		129.43		1.977		1.76	
1,2,4-Trimethylbenzene	14.0	D	8.0	D	9.5	D	0.0	U	0.0	U	5.8	D
1,3,5-Trimethylbenzene	2.9	D	1.6	D	2.0	D	0.0	U	0.0	U	1.3	D
1,3-Butadiene	0.0	U	0.0	U	0.0	U	3.9	D	0.0	U	0.0	U
2-Butanone	5.2	D	2.3	D	4.9	D	410.0	D	38.0	D	3.9	D
2-Hexanone	2.3	D	0.0	U	0.0	U	57.0	D	3.7	D	0.0	U
4-Methyl-2-pentanone	0.0	U	0.0	U	0.0	U	1.8	D	0.0	U	0.8	D
Acetone	19.0	D	31.0	D	81.0	D	14,000.0	D	220.0	D	41.0	D
Acrylonitrile	4.0	D	0.0	U	0.0	U	0.0	U	0.0	U	1.7	D
Benzene	1.9	D	1.7	D	1.1	D	19.0	D	1.1	D	1.3	D
Carbon disulfide	0.0	U	1.5	D	3.8	D	0.8	D	0.0	U	0.0	U
Carbon tetrachloride	0.4	D	0.0	U	0.4	D	0.4	D	0.4	D	0.3	D
Chloroform	0.0	U	11.0	D	0.0	U	0.0	U	0.0	U	0.0	U
Chloromethane	1.0	D	2.2	D	2.1	D	4.3	D	1.9	D	1.1	D
cis-1,2-Dichloroethylene	0.0	U	0.3	D	0.0	U	0.0	U	0.0	U	0.0	U
Cyclohexane	1.2	D	0.0	U	0.6	D	0.0	U	0.0	U	0.7	D
Dichlorodifluoromethane	2.4	D	2.7	D	2.3	D	2.1	D	2.3	D	2.4	D
Ethyl acetate	0.0	U	0.0	U	0.0	U	33.0	D	0.0	U	0.0	U
Ethyl Benzene	3.7	D	1.5	D	1.9	D	0.8	D	0.0	U	2.2	D
Isopropanol	2.7	D	1.5	D	0.0	U	400.0	D	4.0	D	4.2	D
Methyl Methacrylate	0.9	D	0.0	U	0.9	D	0.0	U	0.0	U	1.1	D
Methylene chloride	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	1.5	D
Naphthalene	5.8	D	3.3	D	0.0	U	0.0	U	0.0	U	0.0	U
n-Heptane	3.0	D	0.0	U	1.2	D	5.8	D	1.1	D	1.5	D
n-Hexane	3.9	D	0.0	U	1.8	D	6.5	D	2.1	D	2.3	D
o-Xylene	5.8	D	2.4	D	3.1	D	0.0	U	0.9	D	3.1	D
p- & m- Xylenes	15.0	D	5.9	D	8.0	D	1.8	D	2.3	D	7.7	D
p-Ethyltoluene	7.9	D	4.0	D	5.4	D	0.9	U	0.0	U	3.8	D
Propylene	0.0	U	0.0	U	0.0	U	120.0	D	8.3	D	3.2	D
Tetrachloroethylene	0.0	U	16.0	D	0.0	U	1.4	D	2.3	D	12.0	D
Toluene	12.0	D	3.4	D	5.3	D	2.3	D	2.2	D	7.3	D
Trichloroethylene	1.9	D	6.0	D	0.0	U	0.4	BD	0.0	U	0.0	U
Trichlorofluoromethane (Freon 11)	1.1	D	3.9	D	1.3	D	1.2	D	1.2	D	1.4	D
Vinyl acetate	0.0	U	0.0	U	0.0	U	4.2	D	0.0	U	0.0	U
Vinyl Chloride	0.0	U	0.0	U	0.0	U	0.4	D	0.0	U	0.0	U
Total VOCs	118.0		110.2		136.6		15,077.9		291.8		111.7	

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

Table V - Summary Soil Vapor Analytical Results (continued)

Sample ID	SV-4		SV-5R		SV-6R		SV-7R		SV-8		SV-9	
Sampling Date	9/27/2024		9/27/2024		9/27/2024		9/27/2024		9/27/2024		9/27/2024	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.647		1.797		1.884		31.78		1.963		1.784	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.40	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
1,1-Dichloroethylene	0.33	D	0.28	D	0.00	U	0.00	U	0.00	U	0.35	D
1,2,4-Trimethylbenzene	3.10	D	0.97	D	0.00	U	0.00	U	1.70	D	0.88	U
1,3,5-Trimethylbenzene	1.10	D	0.00	U	0.00	U	0.00	U	0.00	U	0.88	U
2,2,4-Trimethylpentane	1.50	D	0.42	D	0.53	D	0.00	U	0.64	D	1.00	D
2-Butanone	2.90	D	0.90	D	1.20	D	41.00	D	1.60	D	2.30	D
4-Methyl-2-pentanone	0.94	D	0.00	U	0.00	U	0.00	U	0.00	U	0.80	D
Acetone	23.00	D	24.00	D	15.00	D	790.00	D	46.00	D	27.00	D
Acrylonitrile	0.36	U	33.00	D	0.00	U	0.00	U	4.90	D	0.77	D
Benzene	1.30	D	0.00	U	0.00	U	0.00	U	0.00	U	0.91	D
Bromomethane	0.64	U	0.98	D	0.00	U	0.00	U	0.00	U	1.20	D
Carbon disulfide	0.51	U	0.56	D	0.59	D	0.00	U	0.00	U	1.10	D
Carbon tetrachloride	0.93	D	0.57	D	0.71	D	0.00	U	0.74	D	0.90	D
Chloroethane	0.43	U	0.00	U	0.00	U	0.00	U	0.00	U	0.89	D
Chloroform	0.80	D	29.00	D	0.00	U	0.00	U	0.00	U	0.00	U
Chloromethane	2.70	D	0.00	U	1.10	D	0.00	U	1.10	D	3.20	D
cis-1,2-Dichloroethylene	0.39	D	0.28	D	0.00	U	0.00	U	0.00	U	0.42	D
Cyclohexane	0.62	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Dichlorodifluoromethane	3.20	D	2.90	D	3.60	D	0.00	U	3.00	D	3.30	D
Ethyl acetate	1.80	D	0.00	U	0.00	U	0.00	U	0.00	U	1.40	D
Ethyl Benzene	2.10	D	0.00	U	0.00	U	0.00	U	0.00	U	0.93	D
Isopropanol	5.40	D	1.50	D	3.30	BD	30.00	D	4.30	BD	2.90	D
Methyl Methacrylate	0.94	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Methylene chloride	2.30	D	1.20	D	1.60	BD	0.00	U	0.00	U	1.90	D
n-Heptane	1.60	D	0.00	U	0.00	U	0.00	U	0.00	U	0.80	D
n-Hexane	1.20	D	0.00	U	0.66	D	0.00	U	0.00	U	0.75	D
o-Xylene	2.80	D	0.00	U	0.00	U	0.00	U	1.10	D	1.00	D
p- & m- Xylenes	8.70	D	0.00	U	1.60	D	0.00	U	2.70	D	3.00	D
p-Ethyltoluene	2.30	D	0.00	U	0.00	U	16.00	U	1.40	D	0.00	U
Propylene	0.28	U	0.00	U	1.50	D	45.00	D	1.40	D	0.00	U
Tetrachloroethylene	60.00	D	22.00	D	0.00	U	0.00	U	0.00	U	4.70	D
Tetrahydrofuran	1.00	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Toluene	13.00	D	0.00	U	4.30	D	0.00	U	5.30	D	9.00	D
Trichloroethylene	39.00	D	4.40	D	0.00	U	0.00	U	0.63	D	2.90	D
Trichlorofluoromethane (Freon 11)	1.90	D	3.90	D	2.20	D	0.00	U	1.90	D	1.90	D
Vinyl Chloride	0.46	D	0.37	D	0.00	U	0.00	U	0.00	U	0.64	D
Total VOCs	190.93		127.23		37.89		922.00		78.41		77.72	

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

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SV-4 (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	160.00	34.00	4.50	5.40	ND	ND	ND	60.00
Trichloroethylene	460.00	110.00	5.80	3.90	ND	0.3	1.90	39.00
cis-1,2-Dichloroethylene	0.88	0.39	ND	ND	ND	ND	ND	0.39
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.46
Total VOCs	957.00	303.30	279.00	83.00	19.19	48.82	118.00	190.93

SG-5R (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	1.30	N/A	N/A	N/A	2.20	16.0	4.70
Trichloroethylene	ND	0.53	N/A	N/A	N/A	2.9	6.00	2.90
cis-1,2-Dichloroethylene	ND	ND	N/A	N/A	N/A	ND	0.26	0.42
Vinyl Chloride	ND	ND	N/A	N/A	N/A	ND	ND	0.64
Total VOCs	13.00	81.00	N/A	N/A	N/A	69.94	110.16	77.72

SG-6R (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1.40	ND	ND	ND	1.30	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	11.00	57.00	29.00	62.00	23.48	50.98	136.57	37.89

SG-7R (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	1.20	1.40	2.40	ND	ND	ND	1.40	ND
Trichloroethylene	1.60	4.1	ND	ND	ND	ND	0.38	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.4	ND
Total VOCs	36.00	45.00	183.00	300.00	843.50	5,985.10	15,077.92	922.00

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SG-8 (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	2.30	0.00
Trichloroethylene	0.53	ND	ND	ND	1.90	ND	ND	0.63
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	13.00	37.00	130.00	21.00	18.82	51.93	291.81	78.41

SV-9 (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	ND	3.00	1.60	ND	ND	12.00	4.70
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	2.90
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	0.42
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.64
Total VOCs	12.00	32.00	28.00	39.00	30.48	54.57	111.65	77.72



APPENDIX 1

ICEC Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **C224102**

Site Name 353 McKibbin Street

Site Address: 353 McKibbin Street Zip Code: 11206

City/Town: Brooklyn

County: Kings

Site Acreage: 1.070

Reporting Period: November 02, 2023 to November 02, 2024

YES NO

1. Is the information above correct?

☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?

☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?

☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?
Commercial and Industrial

☒ ☐

7. Are all ICs in place and functioning as designed?

☒ ☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

		Box 2A	
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.			
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.			

SITE NO. C224102	Box 3
Description of Institutional Controls	

Parcel**3083-16**Owner

Bogart Plaza LLC

Institutional Control

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls

- Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of this SMP;
- All Engineering Controls must be operated and maintained as specified in this SMP;
- All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in this SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells, must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP;
- Vegetable gardens and farming on the Site are prohibited;
- The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for intended purpose;
- All future activities on the property that will disturb remaining contaminated material are prohibited unless they are conducted in accordance with this SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated;
- The Site may only be used for commercial or industrial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed;
- The Site may not be used for a higher level of use, such as unrestricted or restricted residential use, without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC; and
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

3083-30

Bogart Plaza LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan

Institutional Controls

- Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of this SMP;
- All Engineering Controls must be operated and maintained as specified in this SMP;
- All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in this SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells, must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP;
- Vegetable gardens and farming on the Site are prohibited;
- The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for intended purpose;
- All future activities on the property that will disturb remaining contaminated material are prohibited unless they are conducted in accordance with this SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated;
- The Site may only be used for commercial or industrial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed;
- The Site may not be used for a higher level of use, such as unrestricted or restricted residential use, without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC; and
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Box 4

Description of Engineering Controls

Parcel

3083-16

Engineering Control

Vapor Mitigation
Cover System

Engineering Controls

- A cover system was installed throughout the entire Site consisting of twelve inches of clean fill (NYSDOT Subbase) and tested as required by the RAWP to ensure chemical concentrations are below 6NYCRR Part 375-6.8(b). The cover system was compacted to 95% as per the NYC 2008 Construction Code. An additional six inches of clean fill was placed above the cover as a protective barrier to erosion and inclement weather conditions. The additional clean fill also complies with Part

ParcelEngineering Control

375-6.8(b);

- The Soil Vapor Extraction System was installed in four trenches covering the entire Site. Each trench contains two 3-inch perforated PVC pipes wrapped in filter fabric. Each pipe was placed within two feet of clean $\frac{3}{4}$ inch stone. The top of the trench was also covered with filter fabric. An eighteen inch layer of compacted clean fill (NYSDOT Subbase) was then placed over the trench. Each pipe was then connected to the equipment room consisting of a knockout tank, two blowers, and associated piping, electrical and monitoring elements;
- The Air Sparging System was designed to volatilize the solvents (particularly TCE and PCE) identified in groundwater. The AS system consists of twenty-two wells, twelve shallow and ten deep wells at the hot spot areas. Each one-inch diameter well is connected to two inch PVC solid pipes leading to the equipment room. The two inch piping was placed within the same trenches as the SVES system; and
- Future buildings constructed on the Site will include the installation of a vapor barrier. Once installed, such vapor barrier will be inspected prior to the placement of concrete or other materials for the building foundation.

3083-30

Vapor Mitigation
Cover System

Engineering Controls

- A cover system was installed throughout the entire Site consisting of twelve inches of clean fill (NYSDOT Subbase) and tested as required by the RAWP to ensure chemical concentrations are below 6NYCRR Part 375-6.8(b). The cover system was compacted to 95% as per the NYC 2008 Construction Code. An additional six inches of clean fill was placed above the cover as a protective barrier to erosion and inclement weather conditions. The additional clean fill also complies with Part 375-6.8(b);
- The Soil Vapor Extraction System was installed in four trenches covering the entire Site. Each trench contains two 3-inch perforated PVC pipes wrapped in filter fabric. Each pipe was placed within two feet of clean $\frac{3}{4}$ inch stone. The top of the trench was also covered with filter fabric. An eighteen inch layer of compacted clean fill (NYSDOT Subbase) was then placed over the trench. Each pipe was then connected to the equipment room consisting of a knockout tank, two blowers, and associated piping, electrical and monitoring elements;
- The Air Sparging System was designed to volatilize the solvents (particularly TCE and PCE) identified in groundwater. The AS system consists of twenty-two wells, twelve shallow and ten deep wells at the hot spot areas. Each one-inch diameter well is connected to two inch PVC solid pipes leading to the equipment room. The two inch piping was placed within the same trenches as the SVES system; and
- Future buildings constructed on the Site will include the installation of a vapor barrier. Once installed, such vapor barrier will be inspected prior to the placement of concrete or other materials for the building foundation.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

- (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

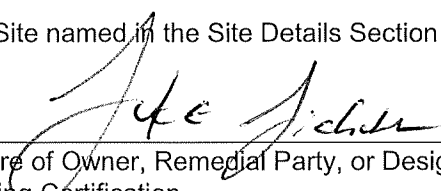
IC CERTIFICATIONS**SITE NO. C224102****Box 6****SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I LUKE LICHOTA at 353 MCKIBBIN ST BROOKLYN NY 11206,
print name print business address

am certifying as OWNER (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

12/2/2024
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

LaBella Associates, D.P.C.

I Daniel Noll at 300 State Street, Rochester, NY,
print name print business address

am certifying as a Professional Engineer for the Owner
(Owner or Remedial Party)



A handwritten signature in blue ink, appearing to read "D.P. Noll", written over a horizontal line.

Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification

Stamp
(Required for PE)

11.25.2024

Date



APPENDIX 2

Site Inspection Report



300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

SITE WIDE INSPECTION FORM

PROJECT NAME:

353 McKibbin Street - Site #C224102

LOCATION:

353 McKibbin Street, Brooklyn NY

PROJECT NO.:

2244665

INSPECTED BY:

D. Noll

DATE:

10/29/2024

WEATHER:

Partly Cloudy, 65°F

COVER TYPE	OVERALL CONDITION	ANY LOCATIONS REQUIRE REPAIR OR MAINTENANCE	PHOTOS TAKEN	COMMENTS
FENCE	GOOD	YES / ☐ NO	YES / ☐ NO	
SIDEWALK	GOOD	YES / ☐ NO	☒ YES / NO	
COVER SYSTEM	GOOD	YES / ☐ NO	☒ YES / NO	
RAMPS	GOOD	YES / ☐ NO	YES / ☐ NO	
WELLS	GOOD	YES / ☐ NO	☒ YES / NO	All wells observed but not all thoroughly inspected due to access limitations



300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

SOIL VAPOR EXTRACTION SYSTEM INSPECTION

PROJECT NAME:	353 McKibbin Street - Site #C224102
LOCATION:	353 McKibbin Street, Brooklyn NY
PROJECT NO.:	2244665
INSPECTED BY:	D. Noll
DATE:	10/29/2024
WEATHER:	Partly Cloudy, 65°F

COMPONENT				CONDITION	COMMENTS
GENERAL INSPECTION ITEMS					
SHED				GOOD	
EXCESSIVE NOISE				NONE	
ALARM PANEL				OPERATIONAL	
ALARM CHECK				YES	
WATER IN KNOCKOUT POT				NONE	
SVE LINE CHECKS					
SVE LINE 1A	" WC	7	CONDITION	GOOD	OPERATIONAL
SVE LINE 1B	" WC	7	CONDITION	GOOD	OPERATIONAL
SVE LINE 2A	" WC	10	CONDITION	GOOD	OPERATIONAL
SVE LINE 2B	" WC	14	CONDITION	GOOD	OPERATIONAL
SVE LINE 3A	" WC	15	CONDITION	GOOD	OPERATIONAL
SVE LINE 3B	" WC	12	CONDITION	GOOD	OPERATIONAL
SVE LINE 4A	" WC	N/A	CONDITION	GOOD	NOT IN OPERATION
SVE LINE 4B	" WC	N/A	CONDITION	GOOD	NOT IN OPERATION

"WC - Denotes Inches of Water Column



DESCRIPTION: SVE Control Panel

DATE: 10/29/24



DESCRIPTION: SVE Piping

DATE: 10/29/2024



DESCRIPTION: Cover System

DATE: 10/29/2024



DESCRIPTION: Cover System

DATE: 10/29/2024



DESCRIPTION: Stick Up Well

DATE: 10/29/2024



DESCRIPTION: Flush Mount Well in Sidewalk

DATE: 10/29/2024



APPENDIX 3

SVES Operation Logs

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: December 21, 2023

SVE Blower 1 17420.0 Hours

SVE Blower 2 17420.6 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	N/A	N/A
1B	N/A	N/A
2A	N/A	N/A
2B	N/A	N/A
3A	N/A	N/A
3B	N/A	N/A
4A	N/A	N/A
4B	N/A	N/A
Effluent		

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: January 26, 2024

SVE Blower 1 17916.1 Hours

SVE Blower 2 17961.7 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	17	0.3
1B	14	0.1
2A	19	0.2
2B	16	0.2
3A	12	0.4
3B	16	0.4
4A	N/A	N/A
4B	N/A	N/A
Effluent		

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: March 29, 2024

SVE Blower 1 19161.3 Hours

SVE Blower 2 19245.1 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	19	0.4
1B	12	0.1
2A	21	0.1
2B	15	0.1
3A	10	0.3
3B	17	0.3
4A	N/A	N/A
4B	N/A	N/A
Effluent		

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: June 13, 2024

SVE Blower 1 20601.6 Hours

SVE Blower 2 20820.6 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	0.6	16
1B	0.1	16
2A	0.1	17
2B	0.1	18
3A	0.7	18
3B	0.5	20
4A	N/A	N/A
4B	N/A	N/A

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY 11206

Date: September 27, 2024

SVE Blower 1 22,041.8 Hours

SVE Blower 2 22,395.3 Hours

Vapor Extraction Leg	Vacuum (inches of water)	Flow Rate (ft per minute)
1A	0.5	10
1B	0.1	10.5
2A	0.1	18
2B	0.6	14
3A	0.3	15
3B	0.4	17
4A	N/A	N/A
4B	N/A	N/A

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY 11206

Date: October 29, 2024

SVE Blower 1: 23,529.4 Hours

SVE Blower 2: 23,748.5 Hours

Vapor Extraction Leg	Vacuum (inches of water)	Flow Rate (ft per minute)
1A		
1B		
2A		
2B		
3A		
3B		
4A	N/A	N/A
4B	N/A	N/A

Note: N/A – System leg is not operational.



APPENDIX 4

Quarterly Monitoring Reports



ADVANCED SITE RESTORATION

ENVIRONMENTAL GEOSCIENCES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

February 1, 2024

Ms. Jennifer Gonzalez
New York State Department of Environmental Conservation – Region 2
47-40 21st Street, Long Island City, NY 11206

Re: Quarterly Site Report (Q1 2023-24) for 353 McKibbin Street, Brooklyn, NY 11206
NYSDEC Site # BCP C224102 – **ASR** Project# A22-116

Dear Ms. Gonzalez,

Advanced Site Restoration Environmental Geosciences (“ASR”), a division of **Laurel Environmental Geosciences, DPC. (“Laurel”)**, is pleased to submit this quarterly site report (“QSR”) documenting required quarterly on-site groundwater monitoring well sampling, soil vapor sampling, and assessment of the on-site remedial systems at the property located at 353 McKibbin Street, New York, NY (“Site”). The location of the Site is shown on the Site Location Map as Figure 1.0. The purpose of this report is to provide a summary of quarterly groundwater and soil vapor monitoring results, and an assessment of the on-site remediation systems, as required by the New York State Department of Environmental Conservation (“NYSDEC”) under the Brownfields Cleanup Program (“BCP”) with respect to Site #BCP C224102.

Site Background

A total of seven (7) groundwater monitoring wells and six (6) soil vapor monitoring points are present at the Site to monitor on-site concentrations of volatile organic compounds (“VOCs”) and the effectiveness of engineering controls, including the on-site soil vapor extraction (“SVE”) system. The 2007 Remedial Investigation identified elevated concentrations of VOCs including tetrachloroethylene (“PCE”) trichloroethylene (“TCE”) and various non-chlorinated petroleum compounds in soil, soil vapor, and groundwater. Remediation of the Site took place between June 2010 and June 2011, and a BCP Certificate of Completion was issued in December 2011. The locations of all monitoring wells and soil vapor monitoring points are shown on Figure 2.0.

The groundwater monitoring well MW-7 was destroyed during replacement of the sidewalk along Boerum Street. The soil vapor monitoring point SG-5R was also damaged during sidewalk replacement. The vapor monitoring point SV-9 was also observed to have been damaged. Replacement of the well and vapor monitoring points took place in January 2024, and sampling of the replacement well and vapor monitoring points will resume in March 2024.

“One Call Does it All”

53 WEST HILLS ROAD • HUNTINGTON STATION • NEW YORK 11746
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*Groundwater Contour Map*

Prior to purging, each monitoring well was gauged for the presence of free product, and depths to water were recorded. No product was encountered in any of the on-site monitoring wells. Depth to water readings were combined with an existing survey to calculate groundwater elevations and to construct a groundwater contour map for showing localized groundwater flow at the Site. Groundwater elevation calculations shown in Table I of this report. Groundwater was determined to be flowing towards the southeast at the Site. The resultant groundwater contour map is shown on Figure 3.0.

Groundwater Sampling Procedure

Prior to sampling, each monitoring well was purged a minimum of three (3) casing volumes of water using low-flow sampling techniques. Upon completion of purging, groundwater quality data was collected utilizing an YSI 600 XL MP Sonde Multiparameter water quality meter and a Hanna® turbidity meter or similar instruments. Three (3) rounds of groundwater quality readings were taken at five-minute intervals from each well. The readings were recorded and evaluated to confirm that the groundwater conditions had stabilized and that a representative groundwater sample was being obtained. Groundwater samples were collected from each accessible monitoring well utilizing low-flow sampling techniques. The groundwater samples were collected in appropriate laboratory-supplied containers, were stored on ice, and transported via laboratory courier, under chain-of-custody procedures, to York Laboratories Inc. in Stratford Connecticut, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID No. 10854), under chain of custody (COC) procedures. Disposable sampling materials were double bagged and disposed of as municipal waste, and purge water was returned to the monitoring well from which it was produced. Groundwater quality readings for each monitoring well are included in Table II of this report.

Groundwater Analytical Results

The groundwater samples were analyzed for the presence of VOCs by United States Environmental Protection Agency (“USEPA”) Method 8260. Laboratory analytical results are summarized in Table III of this report, and the laboratory data package is attached to this report as Appendix A.

Groundwater analytical results were compared against the NYSDEC Technical and Operational Guidance Series (“TOGS”) Standards and Guidance Values for Class GA groundwater. VOCs were detected above the NYSDEC TOGS Standards and Guidance Values for Class GA groundwater in groundwater monitoring well MW-5DR, MW-8, MW-10SR, and MW-11. Trichloroethylene was detected in exceedance of TOGS Standards in the wells MW-5DR, MW-8, MW-10SR, and MW-11. Tetrachloroethylene was detected at concentrations in exceedance of



TOGS Standards in MW-5DR and MW-10SR. Cis-1,2 dichloroethylene was detected at a concentration in exceedance of TOGS Standards in MW-11.

Groundwater Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each monitoring well are shown in Table IV of this report.

The monitoring wells continue to contain concentrations of VOCs above NYSDEC TOGS for Class GA Groundwater. Concentrations appear to either be stable or variably increasing or decreasing, depending on the monitoring well and compound.

Soil Vapor Sampling Procedure

A laboratory certified six-liter Summa canister with associated flow controller are used to collect soil vapor samples from each of the six (6) monitoring points. The samples were collected across two hours, at a rate of three (3) liters per hour. The canisters were connected to tubing that is connected to the vapor monitoring points located beneath the surface. Following collection of the samples, the canisters were delivered to York via courier for analysis.

Soil Vapor Analytical Results

The soil vapor samples were analyzed for VOCs using Method TO-15. Laboratory analytical results are summarized in Table V, and the laboratory analytical report is included in Appendix B. The VOC trichloroethylene was detected in the sample SG-6R and SG-8. Concentrations appear to be stable from previous sampling events.

Soil Vapor Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each soil vapor point are shown in Table VI of this report.

The concentrations of VOCs in the vapor monitoring points remained stable, indicating the SVE system's effectiveness.

SVE System Assessment

Each quarter, readings are collected from the SVE System to assess the system's effectiveness and determine if any corrective actions are needed. The run times for the two (2) SVE System blowers are recorded. Additionally, the vacuum and flow ranges are measured from each of the vapor extraction legs. The field measurements sheet is included in Appendix C. During this site visit, the SVE system was observed to be off; however, based on the run times observed, the SVE system was not off for an extended period of time.



Conclusions and Recommendations

Groundwater and soil vapor analytical results from the December 2023 quarterly sampling event showed VOCs remaining stable from previous sampling events in groundwater and soil vapor samples. In consultation with NYSDEC, **ASR** proposes to continue quarterly monitoring and reporting, in addition to the annual Periodic Review Report (“PRR”)

Please contact us if you have any questions or require additional information.

Respectfully submitted,
Advanced Site Restoration, LLC.

Nicholas Kideris
Geologist II

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.

Scott A. Yanuck, P.G.
President

Attachments:

Table I: Groundwater Elevations
Table II: Groundwater Quality Measurements
Table III: Summary Groundwater Analytical Results
Table IV: Historical Trends for Groundwater Analytical Results
Table V: Summary Soil Vapor Analytical Results
Table VI: Historical Trends for Soil Vapor Analytical Results
Figure 1.0 – Site Location
Figure 2.0 – Monitoring Well and Vapor Monitoring Points Locations
Figure 3.0 – Groundwater Flow Contour Map
Appendix A – Laboratory Analytical Report – Groundwater
Appendix B – Laboratory Analytical Report – Soil Vapor
Appendix C – Soil Vapor Extraction System Field Measurements

TABLES

Table I - Groundwater Elevations

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	12/21/2023	18.42	9.69	8.73
MW-8	12/21/2023	17.33	11.79	5.54
MW-10S	12/21/2023	14.47	8.39	6.08
MW-10D	12/21/2023	14.61	5.75	8.86
MW-11	12/21/2023	17.21	10.85	6.36
MW-12	12/21/2023	16.87	10.63	6.24

Table II - Groundwater Monitoring Well Depths and Chemistry

353 McKibbin Street, Brooklyn, New York

21-Dec-23

Monitoring Well #	<i>MW-5S</i>			<i>MW-5DR *</i>			<i>MW-7</i>			<i>MW-8 *</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)				9.69						11.79		
Depth to Bottom (ft bgs)												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)				8.73						5.54		
Temperature (°C)				1117								
Conductivity (µS/cm)				475								
Dissolved Oxygen (mg/L)				4.75								
pH				6.69								
Oxygen Reduction Potential				110.9								
Turbidity				38.1								

Monitoring Well #	<i>MW-10S *</i>			<i>MW-10D *</i>			<i>MW-11</i>			<i>MW-12</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth To Water	8.39			5.75			10.85			10.63		
Depth To Bottom												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)	6.08			8.86			6.36			6.24		
Temperature (°C)	13.59			10.05			13.74	13.78	13.83	12.18	12.31	12.34
Conductivity (µS/cm)	0.804			0.38			1045	1045	1045	356.0	344.0	348.0
Dissolved Oxygen (mg/L)	24.38			5.96			4.78	4.64	4.43	5.35	5.21	5.19
pH	6.80			7.69			6.38	6.38	6.35	6.63	6.65	6.65
Oxygen Reduction Potential	93.3			85.8			118.3	119.1	119.2	110.4	110.3	110.3
Turbidity	71.1	50.8	31.2	80.4	54.4	41.1	16.2	17.4	17.0	58.5	47.6	41.2

Notes: * Not measured due to equipment malfunction

Table III – Summary Groundwater Analytical Results

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	MW-11 12/21/2023		MW-12 12/21/2023		MW-5DR 12/21/2023		MW-10SR 12/21/2023		MW-10DR 12/21/2023		MW-8 12/21/2023	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		25		1		1		1		1		1	
1,1-Dichloroethane	5	0.00	U	0.00	U	0.29	J	0.00	U	0.00	U	0.00	U
1,1-Dichloroethylene	5	1.22		0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Chloroform	7	0.35	J	0.00	U	0.00	U	1.30		0.00	U	0.00	U
cis-1,2-Dichloroethylene	5	17.40		3.67		3.50		1.68		0.00	U	0.54	
MTBE	10	1.16		0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Methylene chloride	5	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Naphthalene	10	0.00	U	0.00	U	0.00	U	2.15	B	1.06	JB	0.62	JB
Tetrachloroethylene	5	2.10		0.00	U	5.09		40.00		0.39	J	3.44	
trans-1,2-Dichloroethylene	5	3.35		0.36	J	0.00	U	0.00	U	0.00	U	0.00	U
Trichloroethylene	5	1,050.00	D	3.23		8.58		23.60		0.78		13.80	
Vinyl Chloride	2	0.00	U	0.00	U	0.86		0.00	U	0.00	U	0.00	U

Q is the Qualifier Column with definitions as follows:

Regulator exceedances are highlighted **yellow**.

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

B=analyte found in the analysis batch blank

353 McKibbin Street, Brooklyn, New York

Table IV: Historical Trends for Groundwater Analytical Results

MW-5DR (ug/L)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	11.2	8.98	N/A	18.8	5.09
Trichloroethylene	10.6	12.1	N/A	14.2	8.58
cis-1,2-Dichloroethylene	0.32	0.47	N/A	1.58	3.50
Vinyl Chloride	0	0	N/A	0	0.86
Total VOCs	23.53	21.55	N/A	38.60	18.32

MW-8 (ug/L)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	4.67	4.90	5.39	14.20	3.44
Trichloroethylene	16.2	20.3	12.4	27.4	13.8
cis-1,2-Dichloroethylene	0.63	0.74	0.44	1.58	0.54
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0
Total VOCs	21.50	26.22	21.95	46.97	18.40

MW-10SR (ug/L)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	21.10	13.90	17.80	163.00	40.00
Trichloroethylene	23.6	26.7	21.7	50.5	23.6
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	1.68
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	68.73

MW-10DR (ug/L)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	21.10	13.90	17.80	163.00	0.39
Trichloroethylene	23.6	26.7	21.7	50.5	0.78
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	2.23

353 McKibbin Street, Brooklyn, New York
Table IV: Historical Trends for Groundwater Analytical Results

MW-11 (ug/L)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	2.84	2.22	4.35	4.03	2.10
Trichloroethylene	257	380	459	434	1050
cis-1,2-Dichloroethylene	7.24	21.70	24.80	28.70	17.40
Vinyl Chloride	0	0	0	0	0
Total VOCs	272.00	416.38	498.45	476.55	1,075.58

MW-12 (ug/L)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	0.0	0.0	0.0	0.0	0.0
Trichloroethylene	1.58	4.47	0.63	1.93	3.23
cis-1,2-Dichloroethylene	1.23	65	0.48	1.05	3.7
Vinyl Chloride	0.0	27.4	1.18	0.0	0.0
Total VOCs	5.18	104.20	6.65	8.43	7.26

Table V – Summary Soil Vapor Analytical Results

Sample ID	SV-9		SG-6R		SG-7R		SV-4		SG-8	
Sampling Date	12/21/2023		12/21/2023		12/21/2023		12/21/2023		12/21/2023	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	2.226		2.078		19.54		1.99		2.079	
2-Butanone	0.85	D	0.00	U	31.00	D	0.65	D	1.50	D
Acetone	6.00	D	9.10	D	740.00	D	5.90	D	4.80	D
Acrylonitrile	6.10	BD	0.90	J	8.50	J	0.86	J	0.90	J
Benzene	0.71	D	0.66	U	0.00	U	0.70	D	0.00	U
Carbon disulfide	0.00	U	3.00	D	0.00	U	0.00	U	0.97	D
Carbon tetrachloride	0.42	D	0.39	D	0.00	U	0.38	D	0.39	D
Chloromethane	1.40	D	0.73	D	0.00	U	1.30	D	0.86	D
Dichlorodifluoromethane	2.30	D	2.30	D	0.00	U	2.40	D	2.40	D
Isopropanol	4.40	BD	3.80	J	45.00	BD	4.20	BD	3.80	J
n-Heptane	4.70	D	0.00	U	0.00	U	0.00	U	0.00	U
n-Hexane	1.00	D	0.00	U	0.00	U	0.00	U	0.00	U
Propylene	0.00	U	0.00	U	19.00	D	0.00	U	0.00	U
Toluene	1.30	D	0.00	U	0.00	U	1.60	D	0.00	U
Trichloroethylene	0.00	U	1.30	D	0.00	U	0.00	U	1.90	D
Trichlorofluoromethane (Freon 11)	1.30	D	1.30	D	0.00	U	1.20	D	1.30	D

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

B=analyte found in the analysis batch blank

353 McKibbin Street, Brooklyn, New York
Table VI – Historical Trends for Soil Vapor Analytical Results

SV-4 (ug/m3)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	160.00	34.00	4.50	5.40	ND
Trichloroethylene	460	110	5.8	3.9	ND
cis-1,2-Dichloroethylene	0.88	0.39	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Total VOCs	957.00	303.30	279.00	83.00	19.19

SG-5R (ug/m3)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	ND	1.30	N/A	N/A	N/A
Trichloroethylene	ND	0.53	N/A	N/A	N/A
cis-1,2-Dichloroethylene	ND	ND	N/A	N/A	N/A
Vinyl Chloride	ND	ND	N/A	N/A	N/A
Total VOCs	13.00	81.00	N/A	N/A	N/A

SG-6R (ug/m3)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	ND	ND	ND	ND	ND
Trichloroethylene	1.40	ND	ND	ND	1.30
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Total VOCs	11.00	57.00	29.00	62.00	23.48

SG-7R (ug/m3)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	1.20	1.40	2.40	ND	ND
Trichloroethylene	1.60	4.1	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Total VOCs	36.00	45.00	183.00	300.00	843.50

353 McKibbin Street, Brooklyn, New York
Table VI – Historical Trends for Soil Vapor Analytical Results

SG-8 (ug/m3)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	ND	ND	ND	ND	ND
Trichloroethylene	0.53	ND	ND	ND	1.90
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Total VOCs	13.00	37.00	130.00	21.00	18.82

SV-9 (ug/m3)					
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023
Tetrachloroethylene	ND	ND	3.00	1.60	ND
Trichloroethylene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Total VOCs	12.00	32.00	28.00	39.00	30.48

FIGURES



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

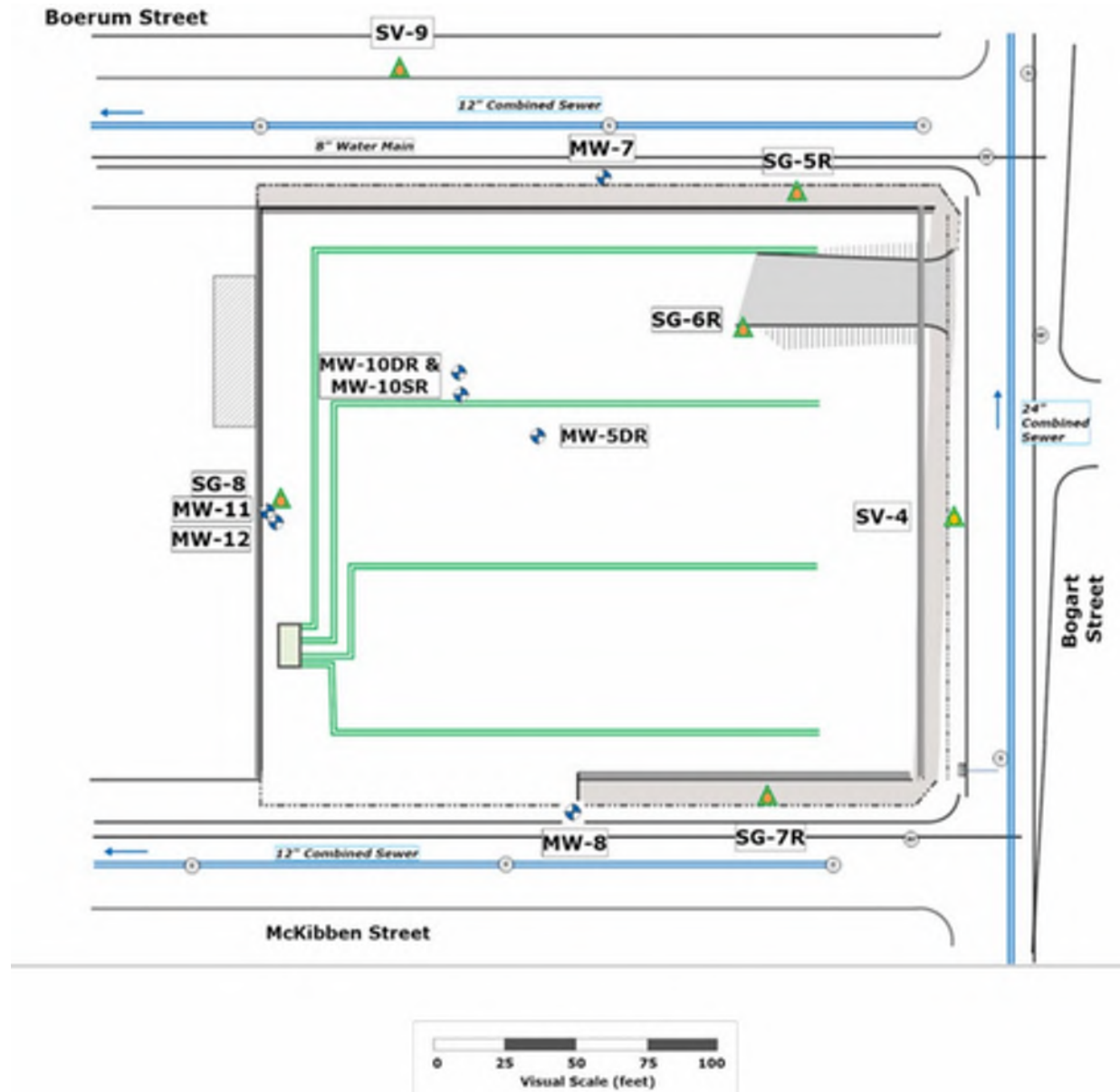
FIGURE 1.0
SITE LOCATION
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE:
DRAWN BY: NK
CHECKED BY:
REVISIONS:

KEY

- - - Approximate Property Boundary

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 2.0
MONITORING WELL AND VAPOR
MONITORING POINT LOCATIONS
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116

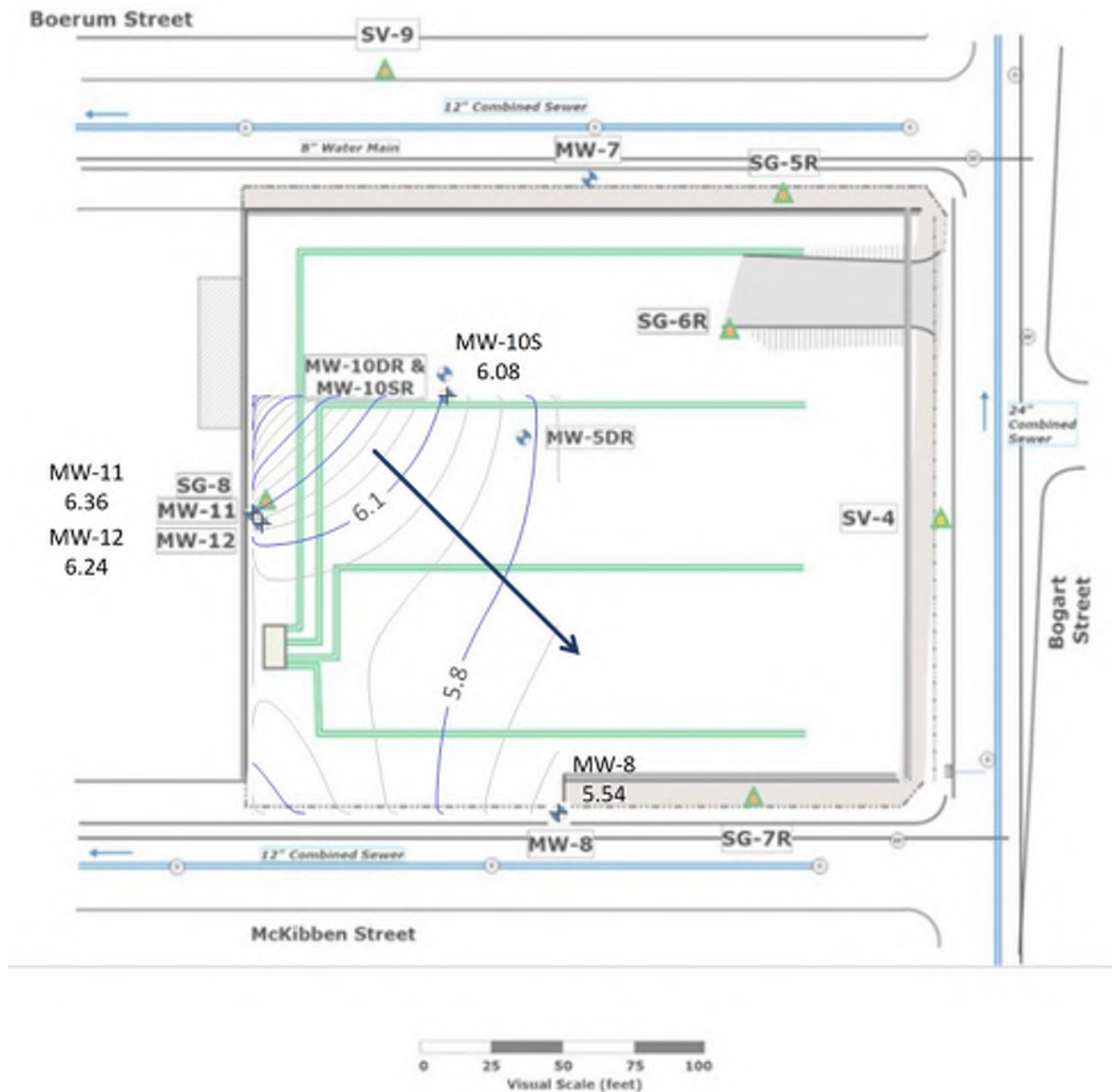
DRAWING DATE:

DRAWN BY: NK

CHECKED BY:

REVISIONS:

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 3.0
GROUNDWATER CONTOUR MAP
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE:
DRAWN BY: NK
CHECKED BY:
REVISIONS:

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.

APPENDIX A

Laboratory Analytical Report - Groundwater



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 01/03/2024

Client Project ID: 353 McKibbin St Brookly, NY A22-116 MC

York Project (SDG) No.: 23L1564

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: 01/03/2024
Client Project ID: 353 McKibbin St Brookly, NY A22-116 MC
York Project (SDG) No.: 23L1564

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 December 22, 2023 and listed below. The project was identified as your project: **353 McKibbin St Brookly, NY A22-116 MC**.

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.

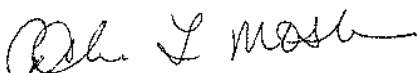
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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>
23L1564-01	MW-11	Ground Water	12/21/2023	12/22/2023
23L1564-02	MW-12	Ground Water	12/21/2023	12/22/2023
23L1564-03	MW-5DR	Ground Water	12/21/2023	12/22/2023
23L1564-04	MW-105R	Ground Water	12/21/2023	12/22/2023
23L1564-05	MW-10DR	Ground Water	12/21/2023	12/22/2023
23L1564-06	MW-8	Ground Water	12/21/2023	12/22/2023
23L1564-07	DUP	Ground Water	12/21/2023	12/22/2023
23L1564-08	Trip Blank	Ground Water	12/21/2023	12/22/2023

General Notes for York Project (SDG) No.: 23L1564

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

Approved By: 

Date: 01/03/2024

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-11

York Sample ID: 23L1564-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:00 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
75-35-4	1,1-Dichloroethylene	1.22		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:02	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:02	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:02	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:02	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
123-91-1	1,4-Dioxane	ND	CAL-E, ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:02	SMA
78-93-3	2-Butanone	ND	CAL-E, ICVE	ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA



Sample Information

Client Sample ID: MW-11

York Sample ID: 23L1564-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:00 am

12/22/2023

Volatile Organics, 8260 Low 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	0.320	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
67-66-3	Chloroform	0.350	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
156-59-2	cis-1,2-Dichloroethylene	17.4		ug/L	0.294	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA



Sample Information

Client Sample ID: MW-11

York Sample ID: 23L1564-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:00 am

12/22/2023

Volatile Organics, 8260 Low 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	0.241	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	1.16		ug/L	0.244	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
127-18-4	Tetrachloroethylene	2.10	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
156-60-5	trans-1,2-Dichloroethylene	3.35		ug/L	0.279	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:02	SMA
79-01-6	Trichloroethylene	1050		ug/L	6.22	12.5	25	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 13:32	SMA



Sample Information

Client Sample ID: MW-11

York Sample ID: 23L1564-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:00 am

12/22/2023

Volatile Organics, 8260 Low 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	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:02	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

Sample Information

Client Sample ID: MW-12

York Sample ID: 23L1564-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:25 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:29	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:29	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:29	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/29/2023 09:00	12/29/2023 17:29	SMA



Sample Information

Client Sample ID: MW-12

York Sample ID: 23L1564-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:25 am

12/22/2023

Volatile Organics, 8260 Low 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
123-91-1	1,4-Dioxane	ND	CAL-E, ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
78-93-3	2-Butanone	ND	CAL-E, ICVE	ug/L	0.421	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA



Sample Information

Client Sample ID: MW-12

York Sample ID: 23L1564-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:25 am

12/22/2023

Volatile Organics, 8260 Low 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
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
156-59-2	cis-1,2-Dichloroethylene	3.67		ug/L	0.294	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA



Sample Information

Client Sample ID: MW-12

York Sample ID: 23L1564-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:25 am

12/22/2023

Volatile Organics, 8260 Low 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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
156-60-5	trans-1,2-Dichloroethylene	0.360	J	ug/L	0.279	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
79-01-6	Trichloroethylene	3.23		ug/L	0.249	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:29	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.5 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.8 %	79-122								

Sample Information

Client Sample ID: MW-5DR

York Sample ID: 23L1564-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:50 am

12/22/2023



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 23L1564-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:50 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-34-3	1,1-Dichloroethane	0.290	J	ug/L	0.272	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
123-91-1	1,4-Dioxane	ND	CAL-E, ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
78-93-3	2-Butanone	ND	CAL-E, ICVE	ug/L	0.421	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 23L1564-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:50 am

12/22/2023

Volatile Organics, 8260 Low 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
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
156-59-2	cis-1,2-Dichloroethylene	3.50		ug/L	0.294	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 23L1564-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:50 am

12/22/2023

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
127-18-4	Tetrachloroethylene	5.09	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
79-01-6	Trichloroethylene	8.58		ug/L	0.249	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA
75-01-4	Vinyl Chloride	0.860		ug/L	0.469	0.500	1	EPA 8260C Certifications:	12/29/2023 09:00	12/29/2023 17:55	SMA



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 23L1564-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 10:50 am

12/22/2023

Volatile Organics, 8260 Low 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
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/29/2023 09:00	12/29/2023 17:55	SMA
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	99.5 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %		79-122							

Sample Information

Client Sample ID: MW-105R

York Sample ID: 23L1564-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA



Sample Information

Client Sample ID: MW-105R

York Sample ID: 23L1564-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA



Sample Information

Client Sample ID: MW-105R

York Sample ID: 23L1564-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
67-66-3	Chloroform	1.30		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
156-59-2	cis-1,2-Dichloroethylene	1.68		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
91-20-3	Naphthalene	2.15	B	ug/L	0.212	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 09:00	01/02/2024 15:07	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 09:00	01/02/2024 15:07	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:07	SMA



Sample Information

Client Sample ID: MW-105R

York Sample ID: 23L1564-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:07	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
127-18-4	Tetrachloroethylene	40.0	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	01/02/2024 09:00	01/02/2024 15:07	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
79-01-6	Trichloroethylene	23.6		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	01/02/2024 09:00	01/02/2024 15:07	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:07	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	96.9 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	99.1 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	105 %	79-122								

Sample Information

Client Sample ID: MW-10DR

York Sample ID: 23L1564-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418			
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@		Page 17 of 50	



Sample Information

Client Sample ID: MW-10DR

York Sample ID: 23L1564-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA



Sample Information

Client Sample ID: MW-10DR

York Sample ID: 23L1564-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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	0.365	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 15:35	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 15:35	SMA



Sample Information

Client Sample ID: MW-10DR

York Sample ID: 23L1564-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
91-20-3	Naphthalene	1.06	J, B	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
127-18-4	Tetrachloroethylene	0.390	J, CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA
79-01-6	Trichloroethylene	0.780		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 15:35	SMA



Sample Information

Client Sample ID: MW-10DR

York Sample ID: 23L1564-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 11:10 am

12/22/2023

Volatile Organics, 8260 Low 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	0.337	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 15:35	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 15:35	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 15:35	SMA
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	99.0 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: MW-8

York Sample ID: 23L1564-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 12:30 pm

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA



Sample Information

Client Sample ID: MW-8

York Sample ID: 23L1564-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 12:30 pm

12/22/2023

Volatile Organics, 8260 Low 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA



Sample Information

Client Sample ID: MW-8

York Sample ID: 23L1564-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 12:30 pm

12/22/2023

Volatile Organics, 8260 Low 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
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
156-59-2	cis-1,2-Dichloroethylene	0.540		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
91-20-3	Naphthalene	0.620	J, B	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:03	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:03	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 16:03	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 16:03	SMA



Sample Information

Client Sample ID: MW-8

York Sample ID: 23L1564-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 12:30 pm

12/22/2023

Volatile Organics, 8260 Low 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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
127-18-4	Tetrachloroethylene	3.44	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
79-01-6	Trichloroethylene	13.8		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:03	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	97.5 %	69-130								
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	99.1 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	103 %	79-122								

Sample Information

Client Sample ID: DUP

York Sample ID: 23L1564-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 8:00 am

12/22/2023



Sample Information

Client Sample ID: DUP

York Sample ID: 23L1564-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 8:00 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23L1564-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 8:00 am

12/22/2023

Volatile Organics, 8260 Low 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
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
156-59-2	cis-1,2-Dichloroethylene	0.630		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23L1564-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 8:00 am

12/22/2023

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:31	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:31	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
91-20-3	Naphthalene	0.440	J, B	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:31	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 16:31	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 16:31	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 16:31	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/02/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 16:31	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
127-18-4	Tetrachloroethylene	3.81	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	01/02/2024 16:31	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
79-01-6	Trichloroethylene	17.0		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	01/02/2024 16:31	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 16:31	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23L1564-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 8:00 am

12/22/2023

Volatile Organics, 8260 Low 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
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 16:31	SMA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.2 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %		79-122							

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23L1564-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 7:00 am

12/22/2023

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23L1564-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 7:00 am

12/22/2023

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23L1564-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 7:00 am

12/22/2023

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
75-09-2	Methylene chloride	0.820	J	ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 09:00	01/02/2024 19:48	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	01/02/2024 09:00	01/02/2024 19:48	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/02/2024 09:00	01/02/2024 19:48	SMA



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23L1564-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1564

353 McKibbin St Brookly, NY A22-116 MC

Ground Water

December 21, 2023 7:00 am

12/22/2023

Volatile Organics, 8260 Low 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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/02/2024 09:00	01/02/2024 19:48	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/02/2024 09:00	01/02/2024 19:48	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.3 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	79-122								



Analytical Batch Summary

Batch ID: BA40035 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23L1564-04	MW-105R	01/02/24
23L1564-05	MW-10DR	01/02/24
23L1564-06	MW-8	01/02/24
23L1564-07	DUP	01/02/24
23L1564-08	Trip Blank	01/02/24
BA40035-BLK1	Blank	01/02/24
BA40035-BS1	LCS	01/02/24
BA40035-BSD1	LCS Dup	01/02/24

Batch ID: BA40036 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23L1564-01RE1	MW-11	01/02/24
BA40036-BLK1	Blank	01/02/24
BA40036-BS1	LCS	01/02/24
BA40036-BSD1	LCS Dup	01/02/24

Batch ID: BL32023 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23L1564-01	MW-11	12/29/23
23L1564-02	MW-12	12/29/23
23L1564-03	MW-5DR	12/29/23
BL32023-BLK1	Blank	12/29/23
BL32023-BS1	LCS	12/29/23
BL32023-BSD1	LCS Dup	12/29/23



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 BA40035 - EPA 5030B

Blank (BA40035-BLK1)

Prepared & Analyzed: 01/02/2024

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	"



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 BA40035 - EPA 5030B

Blank (BA40035-BLK1)

Prepared & Analyzed: 01/02/2024

Methylcyclohexane	ND	0.500	ug/L
Methylene chloride	ND	2.00	"
Naphthalene	0.450	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

9.85

"

10.0

98.5

69-130

Surrogate: SURR: Toluene-d8

9.90

"

10.0

99.0

81-117

Surrogate: SURR: p-Bromofluorobenzene

10.3

"

10.0

103

79-122

LCS (BA40035-BS1)

Prepared & Analyzed: 01/02/2024

1,1,1,2-Tetrachloroethane	8.94		ug/L	10.0		89.4	82-126
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165
1,1,2-Trichloroethane	9.90		"	10.0		99.0	82-123
1,1-Dichloroethane	9.84		"	10.0		98.4	82-129
1,1-Dichloroethylene	10.9		"	10.0		109	68-138
1,2,3-Trichlorobenzene	8.47		"	10.0		84.7	76-136
1,2,3-Trichloropropane	9.85		"	10.0		98.5	77-128
1,2,4-Trichlorobenzene	9.17		"	10.0		91.7	76-137
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132
1,2-Dibromo-3-chloropropane	8.42		"	10.0		84.2	45-147
1,2-Dibromoethane	10.1		"	10.0		101	83-124
1,2-Dichlorobenzene	9.65		"	10.0		96.5	79-123
1,2-Dichloroethane	9.92		"	10.0		99.2	73-132
1,2-Dichloropropane	10.1		"	10.0		101	78-126
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131
1,3-Dichlorobenzene	9.59		"	10.0		95.9	86-122
1,3-Dichloropropane	9.98		"	10.0		99.8	81-125
1,4-Dichlorobenzene	9.52		"	10.0		95.2	85-124
1,4-Dioxane	101		"	210		48.0	10-349
2-Butanone	7.65		"	10.0		76.5	49-152
2-Hexanone	8.68		"	10.0		86.8	51-146



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 BA40035 - EPA 5030B

LCS (BA40035-BS1)

Prepared & Analyzed: 01/02/2024

4-Methyl-2-pentanone	10.4		ug/L	10.0		104	57-145				
Acetone	5.74		"	10.0		57.4	14-150				
Acrolein	11.4		"	10.0		114	10-153				
Acrylonitrile	9.28		"	10.0		92.8	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	9.98		"	10.0		99.8	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	8.42		"	10.0		84.2	78-133				
Bromomethane	7.30		"	10.0		73.0	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	9.93		"	10.0		99.3	88-120				
Chloroethane	9.79		"	10.0		97.9	65-136				
Chloroform	9.97		"	10.0		99.7	82-128				
Chloromethane	12.1		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	80-131				
Cyclohexane	10.5		"	10.0		105	63-149				
Dibromochloromethane	8.84		"	10.0		88.4	80-130				
Dibromomethane	9.85		"	10.0		98.5	72-134				
Dichlorodifluoromethane	12.6		"	10.0		126	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.55		"	10.0		95.5	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl acetate	9.69		"	10.0		96.9	51-139				
Methyl tert-butyl ether (MTBE)	9.88		"	10.0		98.8	76-135				
Methylcyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	9.14		"	10.0		91.4	55-137				
Naphthalene	9.53		"	10.0		95.3	70-147				
n-Butylbenzene	8.63		"	10.0		86.3	79-132				
n-Propylbenzene	9.93		"	10.0		99.3	78-133				
o-Xylene	9.83		"	10.0		98.3	78-130				
p- & m- Xylenes	19.9		"	20.0		99.6	77-133				
p-Diethylbenzene	9.91		"	10.0		99.1	84-134				
p-Ethyltoluene	10.2		"	10.0		102	88-129				
p-Isopropyltoluene	9.85		"	10.0		98.5	81-136				
sec-Butylbenzene	9.83		"	10.0		98.3	79-137				
Styrene	9.08		"	10.0		90.8	67-132				
tert-Butyl alcohol (TBA)	52.8		"	50.0		106	25-162				
tert-Butylbenzene	9.61		"	10.0		96.1	77-138				
Tetrachloroethylene	5.24		"	10.0		52.4	82-131	Low Bias			
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	8.47		"	10.0		84.7	78-131				
Trichloroethylene	9.72		"	10.0		97.2	82-128				
Trichlorofluoromethane	11.6		"	10.0		116	67-139				
Vinyl Chloride	11.5		"	10.0		115	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.71		"	10.0		97.1	69-130				
Surrogate: SURR: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BA40035 - EPA 5030B											
LCS Dup (BA40035-BSD1)						Prepared & Analyzed: 01/02/2024					
1,1,1,2-Tetrachloroethane	9.00		ug/L	10.0		90.0	82-126		0.669	30	
1,1,1-Trichloroethane	9.86		"	10.0		98.6	78-136		3.39	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		0.645	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165		3.93	30	
1,1,2-Trichloroethane	9.93		"	10.0		99.3	82-123		0.303	30	
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129		1.85	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		4.20	30	
1,2,3-Trichlorobenzene	9.05		"	10.0		90.5	76-136		6.62	30	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		3.39	30	
1,2,4-Trichlorobenzene	9.46		"	10.0		94.6	76-137		3.11	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		0.591	30	
1,2-Dibromo-3-chloropropane	8.55		"	10.0		85.5	45-147		1.53	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		0.495	30	
1,2-Dichlorobenzene	9.69		"	10.0		96.9	79-123		0.414	30	
1,2-Dichloroethane	10.0		"	10.0		100	73-132		1.10	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		0.493	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		0.597	30	
1,3-Dichlorobenzene	9.63		"	10.0		96.3	86-122		0.416	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		1.89	30	
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124		0.527	30	
1,4-Dioxane	98.1		"	210		46.7	10-349		2.74	30	
2-Butanone	7.76		"	10.0		77.6	49-152		1.43	30	
2-Hexanone	8.96		"	10.0		89.6	51-146		3.17	30	
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145		0.959	30	
Acetone	5.70		"	10.0		57.0	14-150		0.699	30	
Acrolein	11.7		"	10.0		117	10-153		1.82	30	
Acrylonitrile	9.65		"	10.0		96.5	51-150		3.91	30	
Benzene	10.2		"	10.0		102	85-126		0.878	30	
Bromochloromethane	9.99		"	10.0		99.9	77-128		0.100	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		0.00	30	
Bromoform	8.68		"	10.0		86.8	78-133		3.04	30	
Bromomethane	8.29		"	10.0		82.9	43-168		12.7	30	
Carbon disulfide	10.4		"	10.0		104	68-146		4.34	30	
Carbon tetrachloride	10.0		"	10.0		100	77-141		3.71	30	
Chlorobenzene	9.89		"	10.0		98.9	88-120		0.404	30	
Chloroethane	9.71		"	10.0		97.1	65-136		0.821	30	
Chloroform	9.91		"	10.0		99.1	82-128		0.604	30	
Chloromethane	12.0		"	10.0		120	43-155		0.994	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		0.790	30	
cis-1,3-Dichloropropylene	9.33		"	10.0		93.3	80-131		0.960	30	
Cyclohexane	10.1		"	10.0		101	63-149		3.90	30	
Dibromochloromethane	8.95		"	10.0		89.5	80-130		1.24	30	
Dibromomethane	10.0		"	10.0		100	72-134		1.71	30	
Dichlorodifluoromethane	12.0		"	10.0		120	44-144		4.95	30	
Ethyl Benzene	10.0		"	10.0		100	80-131		0.0996	30	
Hexachlorobutadiene	9.65		"	10.0		96.5	67-146		1.04	30	
Isopropylbenzene	9.93		"	10.0		99.3	76-140		0.702	30	
Methyl acetate	9.89		"	10.0		98.9	51-139		2.04	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		2.50	30	
Methylcyclohexane	10.1		"	10.0		101	72-143		1.87	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BA40035 - EPA 5030B

LCS Dup (BA40035-BSD1)

Prepared & Analyzed: 01/02/2024

Methylene chloride	9.09		ug/L	10.0		90.9	55-137		0.549	30	
Naphthalene	10.2		"	10.0		102	70-147		6.40	30	
n-Butylbenzene	9.31		"	10.0		93.1	79-132		7.58	30	
n-Propylbenzene	9.92		"	10.0		99.2	78-133		0.101	30	
o-Xylene	9.90		"	10.0		99.0	78-130		0.710	30	
p- & m- Xylenes	20.0		"	20.0		100	77-133		0.650	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		2.59	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		0.489	30	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		2.11	30	
sec-Butylbenzene	10.0		"	10.0		100	79-137		2.01	30	
Styrene	9.08		"	10.0		90.8	67-132		0.00	30	
tert-Butyl alcohol (TBA)	53.5		"	50.0		107	25-162		1.43	30	
tert-Butylbenzene	9.66		"	10.0		96.6	77-138		0.519	30	
Tetrachloroethylene	5.16		"	10.0		51.6	82-131	Low Bias	1.54	30	
Toluene	10.1		"	10.0		101	80-127		0.197	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132		1.97	30	
trans-1,3-Dichloropropylene	8.41		"	10.0		84.1	78-131		0.711	30	
Trichloroethylene	9.54		"	10.0		95.4	82-128		1.87	30	
Trichlorofluoromethane	11.4		"	10.0		114	67-139		2.35	30	
Vinyl Chloride	11.3		"	10.0		113	58-145		1.93	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.67		"	10.0		96.7	69-130				
Surrogate: SURR: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

Batch BA40036 - EPA 5030B

Blank (BA40036-BLK1)

Prepared & Analyzed: 01/02/2024

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	"								



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 BA40036 - EPA 5030B

Blank (BA40036-BLK1)

Prepared & Analyzed: 01/02/2024

Acetone	ND	2.00	ug/L
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"
Methylcyclohexane	ND	0.500	"
Methylene chloride	ND	2.00	"
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

10.9

"

10.0

109

69-130

Surrogate: SURR: Toluene-d8

9.77

"

10.0

97.7

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.45

"

10.0

94.5

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 BA40036 - EPA 5030B											
LCS (BA40036-BS1)						Prepared & Analyzed: 01/02/2024					
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.59		"	10.0		95.9	78-136				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	9.60		"	10.0		96.0	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	68-138				
1,2,3-Trichlorobenzene	9.84		"	10.0		98.4	76-136				
1,2,3-Trichloropropane	9.65		"	10.0		96.5	77-128				
1,2,4-Trichlorobenzene	9.66		"	10.0		96.6	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126				
1,3,5-Trimethylbenzene	9.92		"	10.0		99.2	80-131				
1,3-Dichlorobenzene	9.80		"	10.0		98.0	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	9.74		"	10.0		97.4	85-124				
1,4-Dioxane	130		"	210		61.9	10-349				
2-Butanone	8.57		"	10.0		85.7	49-152				
2-Hexanone	9.42		"	10.0		94.2	51-146				
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145				
Acetone	5.85		"	10.0		58.5	14-150				
Acrolein	14.1		"	10.0		141	10-153				
Acrylonitrile	11.8		"	10.0		118	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	10.4		"	10.0		104	78-133				
Bromomethane	11.5		"	10.0		115	43-168				
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	9.93		"	10.0		99.3	77-141				
Chlorobenzene	9.78		"	10.0		97.8	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	9.70		"	10.0		97.0	82-128				
Chloromethane	10.6		"	10.0		106	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	10.4		"	10.0		104	63-149				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	10.0		"	10.0		100	72-134				
Dichlorodifluoromethane	12.6		"	10.0		126	44-144				
Ethyl Benzene	9.90		"	10.0		99.0	80-131				
Hexachlorobutadiene	10.5		"	10.0		105	67-146				
Isopropylbenzene	9.39		"	10.0		93.9	76-140				
Methyl acetate	9.49		"	10.0		94.9	51-139				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylcyclohexane	10.2		"	10.0		102	72-143				



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 BA40036 - EPA 5030B

LCS (BA40036-BS1)

Prepared & Analyzed: 01/02/2024

Methylene chloride	9.75		ug/L	10.0		97.5	55-137				
Naphthalene	9.58		"	10.0		95.8	70-147				
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	9.41		"	10.0		94.1	78-133				
o-Xylene	9.82		"	10.0		98.2	78-130				
p- & m- Xylenes	19.6		"	20.0		98.0	77-133				
p-Diethylbenzene	10.6		"	10.0		106	84-134				
p-Ethyltoluene	9.92		"	10.0		99.2	88-129				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	9.77		"	10.0		97.7	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	63.9		"	50.0		128	25-162				
tert-Butylbenzene	9.52		"	10.0		95.2	77-138				
Tetrachloroethylene	5.23		"	10.0		52.3	82-131	Low Bias			
Toluene	9.90		"	10.0		99.0	80-127				
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	9.10		"	10.0		91.0	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.6		"	10.0		106	69-130				
Surrogate: SURR: Toluene-d8	9.70		"	10.0		97.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.49		"	10.0		94.9	79-122				

LCS Dup (BA40036-BS1)

Prepared & Analyzed: 01/02/2024

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		0.299	30	
1,1,1-Trichloroethane	9.51		"	10.0		95.1	78-136		0.838	30	
1,1,2,2-Tetrachloroethane	12.2		"	10.0		122	76-129		6.69	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		4.73	30	
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123		5.89	30	
1,1-Dichloroethane	9.45		"	10.0		94.5	82-129		1.57	30	
1,1-Dichloroethylene	9.94		"	10.0		99.4	68-138		4.14	30	
1,2,3-Trichlorobenzene	11.8		"	10.0		118	76-136		17.9	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		10.4	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		9.37	30	
1,2,4-Trimethylbenzene	9.87		"	10.0		98.7	82-132		2.50	30	
1,2-Dibromo-3-chloropropane	11.9		"	10.0		119	45-147		13.7	30	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		7.65	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		0.697	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		4.22	30	
1,2-Dichloropropane	9.82		"	10.0		98.2	78-126		0.102	30	
1,3,5-Trimethylbenzene	9.52		"	10.0		95.2	80-131		4.12	30	
1,3-Dichlorobenzene	9.74		"	10.0		97.4	86-122		0.614	30	
1,3-Dichloropropane	10.8		"	10.0		108	81-125		5.93	30	
1,4-Dichlorobenzene	9.72		"	10.0		97.2	85-124		0.206	30	
1,4-Dioxane	145		"	210		69.1	10-349		11.0	30	
2-Butanone	9.99		"	10.0		99.9	49-152		15.3	30	
2-Hexanone	11.0		"	10.0		110	51-146		15.1	30	
4-Methyl-2-pentanone	12.2		"	10.0		122	57-145		12.9	30	
Acetone	6.64		"	10.0		66.4	14-150		12.7	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BA40036 - EPA 5030B

LCS Dup (BA40036-BSD1)

Prepared & Analyzed: 01/02/2024

Acrolein	16.3		ug/L	10.0		163	10-153	High Bias	14.3	30	
Acrylonitrile	12.2		"	10.0		122	51-150		3.34	30	
Benzene	9.94		"	10.0		99.4	85-126		1.70	30	
Bromochloromethane	10.5		"	10.0		105	77-128		1.15	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		0.396	30	
Bromoform	11.3		"	10.0		113	78-133		8.95	30	
Bromomethane	11.4		"	10.0		114	43-168		0.612	30	
Carbon disulfide	9.99		"	10.0		99.9	68-146		3.83	30	
Carbon tetrachloride	9.67		"	10.0		96.7	77-141		2.65	30	
Chlorobenzene	9.75		"	10.0		97.5	88-120		0.307	30	
Chloroethane	10.0		"	10.0		100	65-136		7.60	30	
Chloroform	9.66		"	10.0		96.6	82-128		0.413	30	
Chloromethane	10.3		"	10.0		103	43-155		3.06	30	
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129		2.84	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131		2.57	30	
Cyclohexane	9.90		"	10.0		99.0	63-149		4.83	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		5.92	30	
Dibromomethane	10.3		"	10.0		103	72-134		2.76	30	
Dichlorodifluoromethane	12.1		"	10.0		121	44-144		4.06	30	
Ethyl Benzene	9.61		"	10.0		96.1	80-131		2.97	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		0.382	30	
Isopropylbenzene	8.89		"	10.0		88.9	76-140		5.47	30	
Methyl acetate	10.8		"	10.0		108	51-139		13.4	30	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	76-135		9.45	30	
Methylcyclohexane	9.70		"	10.0		97.0	72-143		5.51	30	
Methylene chloride	9.86		"	10.0		98.6	55-137		1.12	30	
Naphthalene	11.7		"	10.0		117	70-147		19.8	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		4.48	30	
n-Propylbenzene	9.04		"	10.0		90.4	78-133		4.01	30	
o-Xylene	9.67		"	10.0		96.7	78-130		1.54	30	
p- & m- Xylenes	19.0		"	20.0		95.2	77-133		3.00	30	
p-Diethylbenzene	10.3		"	10.0		103	84-134		2.40	30	
p-Ethyltoluene	9.51		"	10.0		95.1	88-129		4.22	30	
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136		3.18	30	
sec-Butylbenzene	9.47		"	10.0		94.7	79-137		3.12	30	
Styrene	10.4		"	10.0		104	67-132		1.55	30	
tert-Butyl alcohol (TBA)	82.3		"	50.0		165	25-162	High Bias	25.1	30	
tert-Butylbenzene	9.20		"	10.0		92.0	77-138		3.42	30	
Tetrachloroethylene	5.05		"	10.0		50.5	82-131	Low Bias	3.50	30	
Toluene	9.62		"	10.0		96.2	80-127		2.87	30	
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	80-132		0.103	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131		4.88	30	
Trichloroethylene	8.64		"	10.0		86.4	82-128		5.19	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		4.73	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		5.31	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	9.66		"	10.0		96.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.45		"	10.0		94.5	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 BL32023 - EPA 5030B											
Blank (BL32023-BLK1)										Prepared & Analyzed: 12/29/2023	
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

Batch BL32023 - EPA 5030B

Blank (BL32023-BLK1)

Prepared & Analyzed: 12/29/2023

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

10.8

"

10.0

108

69-130

Surrogate: SURR: Toluene-d8

9.72

"

10.0

97.2

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.52

"

10.0

95.2

79-122

LCS (BL32023-BS1)

Prepared & Analyzed: 12/29/2023

1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126
1,1,1-Trichloroethane	9.76		"	10.0		97.6	78-136
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123
1,1-Dichloroethane	9.70		"	10.0		97.0	82-129
1,1-Dichloroethylene	10.5		"	10.0		105	68-138
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147
1,2-Dibromoethane	11.0		"	10.0		110	83-124
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123
1,2-Dichloroethane	10.8		"	10.0		108	73-132
1,2-Dichloropropane	10.4		"	10.0		104	78-126
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131
1,3-Dichlorobenzene	9.96		"	10.0		99.6	86-122
1,3-Dichloropropane	10.6		"	10.0		106	81-125
1,4-Dichlorobenzene	9.99		"	10.0		99.9	85-124
1,4-Dioxane	151		"	210		71.8	10-349
2-Butanone	8.16		"	10.0		81.6	49-152
2-Hexanone	10.1		"	10.0		101	51-146
4-Methyl-2-pentanone	11.6		"	10.0		116	57-145



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 BL32023 - EPA 5030B

LCS (BL32023-BS1)

Prepared & Analyzed: 12/29/2023

Acetone	6.16		ug/L	10.0		61.6	14-150				
Acrolein	14.5		"	10.0		145	10-153				
Acrylonitrile	11.3		"	10.0		113	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	11.1		"	10.0		111	78-133				
Bromomethane	10.4		"	10.0		104	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	9.89		"	10.0		98.9	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	9.72		"	10.0		97.2	82-128				
Chloromethane	9.06		"	10.0		90.6	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Cyclohexane	9.91		"	10.0		99.1	63-149				
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	10.6		"	10.0		106	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	9.56		"	10.0		95.6	76-140				
Methyl acetate	10.0		"	10.0		100	51-139				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135				
Methylcyclohexane	10.2		"	10.0		102	72-143				
Methylene chloride	9.79		"	10.0		97.9	55-137				
Naphthalene	10.4		"	10.0		104	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	9.56		"	10.0		95.6	78-133				
o-Xylene	10.0		"	10.0		100	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-133				
p-Diethylbenzene	10.5		"	10.0		105	84-134				
p-Ethyltoluene	9.93		"	10.0		99.3	88-129				
p-Isopropyltoluene	10.4		"	10.0		104	81-136				
sec-Butylbenzene	9.93		"	10.0		99.3	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butyl alcohol (TBA)	37.1		"	50.0		74.2	25-162				
tert-Butylbenzene	9.67		"	10.0		96.7	77-138				
Tetrachloroethylene	5.68		"	10.0		56.8	82-131	Low Bias			
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	80-132				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131				
Trichloroethylene	9.33		"	10.0		93.3	82-128				
Trichlorofluoromethane	10.4		"	10.0		104	67-139				
Vinyl Chloride	10.6		"	10.0		106	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.6		"	10.0		106	69-130				
Surrogate: SURR: Toluene-d8	9.83		"	10.0		98.3	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.58		"	10.0		95.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL32023 - EPA 5030B											
LCS Dup (BL32023-BSD1)						Prepared & Analyzed: 12/29/2023					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		0.679	30	
1,1,1-Trichloroethane	9.78		"	10.0		97.8	78-136		0.205	30	
1,1,2,2-Tetrachloroethane	12.3		"	10.0		123	76-129		5.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		2.13	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		0.281	30	
1,1-Dichloroethane	9.72		"	10.0		97.2	82-129		0.206	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		2.61	30	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	76-136		15.9	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.23	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137		7.39	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		1.08	30	
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	45-147		3.23	30	
1,2-Dibromoethane	11.1		"	10.0		111	83-124		1.17	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		2.04	30	
1,2-Dichloroethane	11.4		"	10.0		114	73-132		5.21	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		2.24	30	
1,3,5-Trimethylbenzene	9.86		"	10.0		98.6	80-131		1.41	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		1.20	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		3.96	30	
1,4-Dichlorobenzene	9.97		"	10.0		99.7	85-124		0.200	30	
1,4-Dioxane	43.8		"	210		20.9	10-349		110	30	Non-dir.
2-Butanone	9.40		"	10.0		94.0	49-152		14.1	30	
2-Hexanone	11.3		"	10.0		113	51-146		11.1	30	
4-Methyl-2-pentanone	12.3		"	10.0		123	57-145		5.86	30	
Acetone	6.35		"	10.0		63.5	14-150		3.04	30	
Acrolein	15.4		"	10.0		154	10-153	High Bias	6.15	30	
Acrylonitrile	12.6		"	10.0		126	51-150		10.5	30	
Benzene	10.1		"	10.0		101	85-126		0.197	30	
Bromochloromethane	10.7		"	10.0		107	77-128		0.932	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		0.385	30	
Bromoform	11.4		"	10.0		114	78-133		2.50	30	
Bromomethane	9.65		"	10.0		96.5	43-168		7.86	30	
Carbon disulfide	10.0		"	10.0		100	68-146		2.55	30	
Carbon tetrachloride	9.81		"	10.0		98.1	77-141		0.812	30	
Chlorobenzene	10.0		"	10.0		100	88-120		1.38	30	
Chloroethane	10.1		"	10.0		101	65-136		1.08	30	
Chloroform	9.93		"	10.0		99.3	82-128		2.14	30	
Chloromethane	9.40		"	10.0		94.0	43-155		3.68	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		0.595	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		0.665	30	
Cyclohexane	9.90		"	10.0		99.0	63-149		0.101	30	
Dibromochloromethane	11.3		"	10.0		113	80-130		4.61	30	
Dibromomethane	10.6		"	10.0		106	72-134		1.43	30	
Dichlorodifluoromethane	10.4		"	10.0		104	44-144		1.14	30	
Ethyl Benzene	9.92		"	10.0		99.2	80-131		1.50	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		4.11	30	
Isopropylbenzene	9.31		"	10.0		93.1	76-140		2.65	30	
Methyl acetate	11.0		"	10.0		110	51-139		9.68	30	
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	76-135		8.48	30	
Methylcyclohexane	9.75		"	10.0		97.5	72-143		4.12	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL32023 - EPA 5030B											
LCS Dup (BL32023-BSD1)						Prepared & Analyzed: 12/29/2023					
Methylene chloride	9.87		ug/L	10.0		98.7	55-137		0.814	30	
Naphthalene	12.4		"	10.0		124	70-147		17.3	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		1.49	30	
n-Propylbenzene	9.34		"	10.0		93.4	78-133		2.33	30	
o-Xylene	9.92		"	10.0		99.2	78-130		1.20	30	
p- & m- Xylenes	19.7		"	20.0		98.6	77-133		1.46	30	
p-Diethylbenzene	10.4		"	10.0		104	84-134		1.15	30	
p-Ethyltoluene	9.62		"	10.0		96.2	88-129		3.17	30	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		2.15	30	
sec-Butylbenzene	9.73		"	10.0		97.3	79-137		2.03	30	
Styrene	10.6		"	10.0		106	67-132		0.284	30	
tert-Butyl alcohol (TBA)	75.2		"	50.0		150	25-162		67.8	30	Non-dir.
tert-Butylbenzene	9.47		"	10.0		94.7	77-138		2.09	30	
Tetrachloroethylene	5.38		"	10.0		53.8	82-131	Low Bias	5.42	30	
Toluene	9.85		"	10.0		98.5	80-127		2.90	30	
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132		0.102	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		0.363	30	
Trichloroethylene	8.94		"	10.0		89.4	82-128		4.27	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		2.13	30	
Vinyl Chloride	10.1		"	10.0		101	58-145		4.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	9.61		"	10.0		96.1	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.48		"	10.0		94.8	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23L1564-01	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-02	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-03	MW-5DR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-04	MW-105R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-05	MW-10DR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-06	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-07	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L1564-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

APPENDIX B

Laboratory Analytical Report - Soil Vapor



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 01/02/2024

Client Project ID: 353 McKibbin St, Brooklyn, NY A22-116 MC

York Project (SDG) No.: 23L1565

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
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(203) 325-1371



132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/02/2024
Client Project ID: 353 McKibbin St, Brooklyn, NY A22-116 MC
York Project (SDG) No.: 23L1565

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 December 22, 2023 and listed below. The project was identified as your project: **353 McKibbin St, Brooklyn, NY A22-116 MC**.

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.

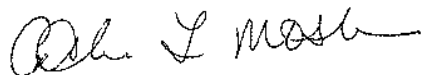
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23L1565-01	SV-9	Soil Vapor	12/21/2023	12/22/2023
23L1565-02	SG-6R	Soil Vapor	12/21/2023	12/22/2023
23L1565-03	SG-7R	Soil Vapor	12/21/2023	12/22/2023
23L1565-04	SV-4	Soil Vapor	12/21/2023	12/22/2023
23L1565-05	SG-8	Soil Vapor	12/21/2023	12/22/2023

General Notes for York Project (SDG) No.: 23L1565

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

Approved By:



Date: 01/02/2024

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: SV-9

York Sample ID: 23L1565-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 1:30 pm

12/22/2023

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	1.5	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.2	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.5	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.7	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.2	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.90	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.22	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-CC V	ug/m ³	1.7	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.1	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.7	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.3	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.90	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.0	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.6	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.1	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS -L	ug/m ³	1.5	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.3	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.0	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.3	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	1.6	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
78-93-3	2-Butanone	0.85		ug/m ³	0.66	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR



Sample Information

Client Sample ID: SV-9

York Sample ID: 23L1565-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 1:30 pm

12/22/2023

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	1.8	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
107-05-1	3-Chloropropene	ND		ug/m ³	3.5	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.91	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
67-64-1	Acetone	6.0		ug/m ³	1.1	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
107-13-1	Acrylonitrile	6.1	B	ug/m ³	0.97	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
71-43-2	Benzene	0.71		ug/m ³	0.71	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
100-44-7	Benzyl chloride	ND		ug/m ³	1.2	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.5	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-25-2	Bromoform	ND		ug/m ³	2.3	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
74-83-9	Bromomethane	ND		ug/m ³	0.86	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.69	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
56-23-5	Carbon tetrachloride	0.42		ug/m ³	0.35	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
108-90-7	Chlorobenzene	ND		ug/m ³	1.0	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-00-3	Chloroethane	ND		ug/m ³	0.59	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
67-66-3	Chloroform	ND		ug/m ³	1.1	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
74-87-3	Chloromethane	1.4	TO-LCS -L	ug/m ³	0.46	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.22	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.0	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.77	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.9	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	1.1	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.6	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.97	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR



Sample Information

Client Sample ID: SV-9

York Sample ID: 23L1565-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 1:30 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.4	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
67-63-0	Isopropanol	4.4	B	ug/m ³	4.1	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.91	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.80	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-09-2	Methylene chloride	ND		ug/m ³	1.5	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
142-82-5	n-Heptane	4.7		ug/m ³	0.91	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
110-54-3	n-Hexane	1.0		ug/m ³	0.78	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
95-47-6	o-Xylene	ND		ug/m ³	0.97	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.9	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.1	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
115-07-1	* Propylene	ND		ug/m ³	0.38	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
100-42-5	Styrene	ND		ug/m ³	0.95	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.5	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.3	2.226	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:05	YR
108-88-3	Toluene	1.3		ug/m ³	0.84	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.88	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.0	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.30	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	1.3	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.78	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.97	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	0.28	2.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:05	YR



Sample Information

Client Sample ID: SG-6R

York Sample ID: 23L1565-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:15 pm

12/22/2023

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	1.4	2.078	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:58	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.1	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.4	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.6	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.84	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.21	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-CC V	ug/m ³	1.5	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.0	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.84	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.96	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.5	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.0	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS -L	ug/m ³	1.4	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.96	2.078	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:58	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	1.5	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
78-93-3	2-Butanone	ND		ug/m ³	0.61	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.7	2.078	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:58	YR



Sample Information

Client Sample ID: SG-6R

York Sample ID: 23L1565-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:15 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	3.3	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.85	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
67-64-1	Acetone	9.1		ug/m ³	0.99	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.90	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
71-43-2	Benzene	ND		ug/m ³	0.66	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.4	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-25-2	Bromoform	ND		ug/m ³	2.1	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
74-83-9	Bromomethane	ND		ug/m ³	0.81	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-15-0	Carbon disulfide	3.0		ug/m ³	0.65	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
56-23-5	Carbon tetrachloride	0.39		ug/m ³	0.33	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.96	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-00-3	Chloroethane	ND		ug/m ³	0.55	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
67-66-3	Chloroform	ND		ug/m ³	1.0	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
74-87-3	Chloromethane	0.73	TO-LCS -L	ug/m ³	0.43	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.21	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.94	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.72	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.8	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	1.0	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.90	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.2	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR



Sample Information

Client Sample ID: SG-6R

York Sample ID: 23L1565-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:15 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m ³	3.8	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.85	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.75	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-09-2	Methylene chloride	ND		ug/m ³	1.4	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
142-82-5	n-Heptane	ND		ug/m ³	0.85	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
110-54-3	n-Hexane	ND		ug/m ³	0.73	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
95-47-6	o-Xylene	ND		ug/m ³	0.90	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.8	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.0	2.078	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:58	YR
115-07-1	* Propylene	ND		ug/m ³	0.36	2.078	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:58	YR
100-42-5	Styrene	ND		ug/m ³	0.89	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.4	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.2	2.078	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 16:58	YR
108-88-3	Toluene	ND		ug/m ³	0.78	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.82	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.94	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
79-01-6	Trichloroethylene	1.3		ug/m ³	0.28	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	1.2	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.73	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.91	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	0.27	2.078	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 16:58	YR



Sample Information

Client Sample ID: SG-7R

York Sample ID: 23L1565-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:25 pm

12/22/2023

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	19.54	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 07:42	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-CC V	ug/m ³	15	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.6	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.6	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS -L	ug/m ³	13	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.0	19.54	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 07:42	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	14	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
78-93-3	2-Butanone	31		ug/m ³	5.8	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	16	19.54	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 07:42	YR



Sample Information

Client Sample ID: SG-7R

York Sample ID: 23L1565-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:25 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	31	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
67-64-1	Acetone	740		ug/m ³	9.3	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
107-13-1	Acrylonitrile	ND		ug/m ³	8.5	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
71-43-2	Benzene	ND		ug/m ³	6.2	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
100-44-7	Benzyl chloride	ND		ug/m ³	10	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	13	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-25-2	Bromoform	ND		ug/m ³	20	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
74-83-9	Bromomethane	ND		ug/m ³	7.6	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-15-0	Carbon disulfide	ND		ug/m ³	6.1	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.1	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
108-90-7	Chlorobenzene	ND		ug/m ³	9.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-00-3	Chloroethane	ND		ug/m ³	5.2	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
67-66-3	Chloroform	ND		ug/m ³	9.5	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
74-87-3	Chloromethane	ND	TO-LCS -L	ug/m ³	4.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
110-82-7	Cyclohexane	ND		ug/m ³	6.7	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	17	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.7	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	14	19.54	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 07:42	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	8.5	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR



Sample Information

Client Sample ID: SG-7R

York Sample ID: 23L1565-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:25 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	45	B	ug/m ³	36	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-09-2	Methylene chloride	ND		ug/m ³	14	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
142-82-5	n-Heptane	ND		ug/m ³	8.0	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
110-54-3	n-Hexane	ND		ug/m ³	6.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
95-47-6	o-Xylene	ND		ug/m ³	8.5	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	17	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.6	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
115-07-1	* Propylene	19		ug/m ³	3.4	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
100-42-5	Styrene	ND		ug/m ³	8.3	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	13	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
108-88-3	Toluene	ND		ug/m ³	7.4	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.7	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
79-01-6	Trichloroethylene	ND		ug/m ³	2.6	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
108-05-4	Vinyl acetate	ND		ug/m ³	6.9	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
593-60-2	Vinyl bromide	ND		ug/m ³	8.5	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	2.5	19.54	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 07:42	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 23L1565-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:00 pm

12/22/2023

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	1.4	1.99	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 17:51	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.1	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.4	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.5	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.81	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.20	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-CC V	ug/m ³	1.5	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.98	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.81	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.92	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.4	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.98	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS -L	ug/m ³	1.3	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.92	1.99	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 17:51	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	1.4	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
78-93-3	2-Butanone	0.65		ug/m ³	0.59	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.6	1.99	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 17:51	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 23L1565-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:00 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	3.1	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.82	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
67-64-1	Acetone	5.9		ug/m ³	0.95	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.86	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
71-43-2	Benzene	0.70		ug/m ³	0.64	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
100-44-7	Benzyl chloride	ND		ug/m ³	1.0	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-25-2	Bromoform	ND		ug/m ³	2.1	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
74-83-9	Bromomethane	ND		ug/m ³	0.77	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.62	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
56-23-5	Carbon tetrachloride	0.38		ug/m ³	0.31	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.92	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-00-3	Chloroethane	ND		ug/m ³	0.53	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
67-66-3	Chloroform	ND		ug/m ³	0.97	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
74-87-3	Chloromethane	1.3	TO-LCS -L	ug/m ³	0.41	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.20	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.90	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.68	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.98	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.4	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.86	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.1	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 23L1565-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:00 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	4.2	B	ug/m ³	3.7	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.81	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.72	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-09-2	Methylene chloride	ND		ug/m ³	1.4	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
142-82-5	n-Heptane	ND		ug/m ³	0.82	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
110-54-3	n-Hexane	ND		ug/m ³	0.70	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
95-47-6	o-Xylene	ND		ug/m ³	0.86	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.7	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.98	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
115-07-1	* Propylene	ND		ug/m ³	0.34	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
100-42-5	Styrene	ND		ug/m ³	0.85	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.3	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.2	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
108-88-3	Toluene	1.6		ug/m ³	0.75	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.79	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.90	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.27	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	1.1	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.70	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.87	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	0.25	1.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 17:51	YR



Sample Information

Client Sample ID: SG-8

York Sample ID: 23L1565-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:30 pm

12/22/2023

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	1.4	2.079	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 18:44	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.1	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.4	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.6	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.84	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.21	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-CC V	ug/m ³	1.5	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.0	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.84	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.96	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.5	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.0	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS -L	ug/m ³	1.4	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.96	2.079	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 18:44	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	1.5	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
78-93-3	2-Butanone	1.5		ug/m ³	0.61	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.7	2.079	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 18:44	YR



Sample Information

Client Sample ID: SG-8

York Sample ID: 23L1565-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:30 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	3.3	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.85	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
67-64-1	Acetone	4.8		ug/m ³	0.99	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.90	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
71-43-2	Benzene	ND		ug/m ³	0.66	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.4	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-25-2	Bromoform	ND		ug/m ³	2.1	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
74-83-9	Bromomethane	ND		ug/m ³	0.81	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-15-0	Carbon disulfide	0.97		ug/m ³	0.65	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
56-23-5	Carbon tetrachloride	0.39		ug/m ³	0.33	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.96	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-00-3	Chloroethane	ND		ug/m ³	0.55	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
67-66-3	Chloroform	ND		ug/m ³	1.0	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
74-87-3	Chloromethane	0.86	TO-LCS -L	ug/m ³	0.43	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.21	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.94	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.72	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.8	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	1.0	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.90	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.2	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR



Sample Information

Client Sample ID: SG-8

York Sample ID: 23L1565-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L1565

353 McKibbin St, Brooklyn, NY A22-116 MC

Soil Vapor

December 21, 2023 12:30 pm

12/22/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m ³	3.8	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.85	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.75	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-09-2	Methylene chloride	ND		ug/m ³	1.4	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
142-82-5	n-Heptane	ND		ug/m ³	0.85	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
110-54-3	n-Hexane	ND		ug/m ³	0.73	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
95-47-6	o-Xylene	ND		ug/m ³	0.90	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.8	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.0	2.079	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 18:44	YR
115-07-1	* Propylene	ND		ug/m ³	0.36	2.079	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 18:44	YR
100-42-5	Styrene	ND		ug/m ³	0.89	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.4	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.2	2.079	EPA TO-15 Certifications:	12/28/2023 12:00	12/29/2023 18:44	YR
108-88-3	Toluene	ND		ug/m ³	0.78	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.82	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.94	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
79-01-6	Trichloroethylene	1.9		ug/m ³	0.28	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	1.2	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.73	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.91	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	0.27	2.079	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/28/2023 12:00	12/29/2023 18:44	YR



Analytical Batch Summary

Batch ID: BL32038

Preparation Method: EPA TO15 PREP

Prepared By: YR

YORK Sample ID	Client Sample ID	Preparation Date
23L1565-01	SV-9	12/28/23
23L1565-02	SG-6R	12/28/23
23L1565-03	SG-7R	12/28/23
23L1565-04	SV-4	12/28/23
23L1565-05	SG-8	12/28/23
BL32038-BLK1	Blank	12/28/23
BL32038-BS1	LCS	12/28/23
BL32038-DUP1	Duplicate	12/28/23



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 BL32038 - EPA TO15 PREP

Blank (BL32038-BLK1)

Prepared & Analyzed: 12/28/2023

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	0.30	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	1.7	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

Batch BL32038 - EPA TO15 PREP

Blank (BL32038-BLK1)

Prepared & Analyzed: 12/28/2023

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 (BL32038-BS1)

Prepared & Analyzed: 12/28/2023

1,1,1,2-Tetrachloroethane	11.3		ppbv	10.0	113	70-130	
1,1,1-Trichloroethane	11.3		"	10.0	113	70-130	
1,1,2,2-Tetrachloroethane	11.2		"	10.0	112	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	111	70-130	
1,1,2-Trichloroethane	11.2		"	10.0	112	70-130	
1,1-Dichloroethane	10.5		"	10.0	105	70-130	
1,1-Dichloroethylene	11.1		"	10.0	111	70-130	
1,2,4-Trichlorobenzene	8.50		"	10.0	85.0	70-130	
1,2,4-Trimethylbenzene	11.8		"	10.0	118	70-130	
1,2-Dibromoethane	11.2		"	10.0	112	70-130	
1,2-Dichlorobenzene	12.7		"	10.0	127	70-130	
1,2-Dichloroethane	10.4		"	10.0	104	70-130	
1,2-Dichloropropane	10.6		"	10.0	106	70-130	
1,2-Dichlorotetrafluoroethane	11.1		"	10.0	111	70-130	
1,3,5-Trimethylbenzene	11.8		"	10.0	118	70-130	
1,3-Butadiene	6.58		"	10.0	65.8	70-130	Low Bias
1,3-Dichlorobenzene	10.6		"	10.0	106	70-130	
1,3-Dichloropropane	10.6		"	10.0	106	70-130	
1,4-Dichlorobenzene	10.4		"	10.0	104	70-130	
1,4-Dioxane	10.8		"	10.0	108	70-130	
2-Butanone	10.5		"	10.0	105	70-130	
2-Hexanone	11.1		"	10.0	111	70-130	
3-Chloropropene	11.4		"	10.0	114	70-130	
4-Methyl-2-pentanone	10.6		"	10.0	106	70-130	
Acetone	10.4		"	10.0	104	70-130	
Acrylonitrile	10.8		"	10.0	108	70-130	
Benzene	11.2		"	10.0	112	70-130	
Benzyl chloride	11.1		"	10.0	111	70-130	
Bromodichloromethane	11.0		"	10.0	110	70-130	
Bromoform	12.6		"	10.0	126	70-130	
Bromomethane	11.4		"	10.0	114	70-130	
Carbon disulfide	10.8		"	10.0	108	70-130	



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BL32038 - EPA TO15 PREP

LCS (BL32038-BS1)

Prepared & Analyzed: 12/28/2023

Carbon tetrachloride	12.4		ppbv	10.0		124	70-130				
Chlorobenzene	10.8		"	10.0		108	70-130				
Chloroethane	13.0		"	10.0		130	70-130				
Chloroform	11.0		"	10.0		110	70-130				
Chloromethane	6.85		"	10.0		68.5	70-130	Low Bias			
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	11.5		"	10.0		115	70-130				
Cyclohexane	11.5		"	10.0		115	70-130				
Dibromochloromethane	11.6		"	10.0		116	70-130				
Dichlorodifluoromethane	10.7		"	10.0		107	70-130				
Ethyl acetate	10.7		"	10.0		107	70-130				
Ethyl Benzene	11.2		"	10.0		112	70-130				
Hexachlorobutadiene	7.71		"	10.0		77.1	70-130				
Isopropanol	10.7		"	10.0		107	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	10.4		"	10.0		104	70-130				
n-Heptane	11.5		"	10.0		115	70-130				
n-Hexane	11.1		"	10.0		111	70-130				
o-Xylene	11.6		"	10.0		116	70-130				
p- & m- Xylenes	22.8		"	20.0		114	70-130				
p-Ethyltoluene	12.1		"	10.0		121	70-130				
Propylene	10.3		"	10.0		103	70-130				
Styrene	12.8		"	10.0		128	70-130				
Tetrachloroethylene	10.9		"	10.0		109	70-130				
Tetrahydrofuran	11.0		"	10.0		110	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	10.7		"	10.0		107	70-130				
Trichlorofluoromethane (Freon 11)	11.0		"	10.0		110	70-130				
Vinyl acetate	10.6		"	10.0		106	70-130				
Vinyl bromide	11.5		"	10.0		115	70-130				
Vinyl Chloride	6.37		"	10.0		63.7	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
Batch BL32038 - EPA TO15 PREP											
Duplicate (BL32038-DUP1)	*Source sample: 23L1486-02 (Duplicate)						Prepared: 12/28/2023 Analyzed: 12/29/2023				
1,1,1,2-Tetrachloroethane	ND	0.55	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.44	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.55	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.62	"		ND					25	
1,1,2-Trichloroethane	ND	0.44	"		ND					25	
1,1-Dichloroethane	ND	0.33	"		ND					25	
1,1-Dichloroethylene	ND	0.080	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.60	"		ND					25	
1,2,4-Trimethylbenzene	0.48	0.40	"		0.48				0.00	25	
1,2-Dibromoethane	ND	0.62	"		ND					25	
1,2-Dichlorobenzene	ND	0.49	"		ND					25	
1,2-Dichloroethane	ND	0.33	"		ND					25	
1,2-Dichloropropane	ND	0.37	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.56	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.40	"		ND					25	
1,3-Butadiene	ND	0.54	"		ND					25	
1,3-Dichlorobenzene	ND	0.49	"		ND					25	
1,3-Dichloropropane	ND	0.37	"		ND					25	
1,4-Dichlorobenzene	ND	0.49	"		ND					25	
1,4-Dioxane	ND	0.58	"		ND					25	
2-Butanone	2.5	0.24	"		2.6				2.76	25	
2-Hexanone	ND	0.66	"		ND					25	
3-Chloropropene	ND	1.3	"		ND					25	
4-Methyl-2-pentanone	ND	0.33	"		ND					25	
Acetone	5.8	0.38	"		6.0				3.25	25	
Acrylonitrile	2.8	0.18	"		2.8				1.26	25	
Benzene	0.83	0.26	"		0.85				3.08	25	
Benzyl chloride	ND	0.42	"		ND					25	
Bromodichloromethane	ND	0.54	"		ND					25	
Bromoform	ND	0.84	"		ND					25	
Bromomethane	ND	0.31	"		ND					25	
Carbon disulfide	ND	0.25	"		ND					25	
Carbon tetrachloride	0.46	0.13	"		0.46				0.00	25	
Chlorobenzene	ND	0.37	"		ND					25	
Chloroethane	ND	0.21	"		ND					25	
Chloroform	ND	0.39	"		ND					25	
Chloromethane	0.85	0.17	"		0.75				12.5	25	
cis-1,2-Dichloroethylene	ND	0.080	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.37	"		ND					25	
Cyclohexane	0.44	0.28	"		0.47				6.06	25	
Dibromochloromethane	ND	0.69	"		ND					25	
Dichlorodifluoromethane	2.2	0.40	"		2.3				3.57	25	
Ethyl acetate	ND	0.58	"		ND					25	
Ethyl Benzene	0.56	0.35	"		0.56				0.00	25	
Hexachlorobutadiene	ND	0.86	"		ND					25	
Isopropanol	2.0	0.40	"		2.1				5.83	25	
Methyl Methacrylate	ND	0.33	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.29	"		ND					25	
Methylene chloride	ND	0.56	"		ND					25	
n-Heptane	1.5	0.33	"		1.5				0.00	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 BL32038 - EPA TO15 PREP

Duplicate (BL32038-DUP1)	*Source sample: 23L1486-02 (Duplicate)				Prepared: 12/28/2023 Analyzed: 12/29/2023						
n-Hexane	1.2	0.28	ug/m ³		1.3				2.30	25	
o-Xylene	0.63	0.35	"		0.63				0.00	25	
p- & m- Xylenes	1.8	0.70	"		1.8				0.00	25	
p-Ethyltoluene	ND	0.40	"		ND					25	
Propylene	ND	0.14	"		ND					25	
Styrene	ND	0.34	"		ND					25	
Tetrachloroethylene	0.60	0.55	"		0.60				0.00	25	
Tetrahydrofuran	ND	0.48	"		ND					25	
Toluene	3.4	0.30	"		3.4				0.897	25	
trans-1,2-Dichloroethylene	ND	0.32	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.37	"		ND					25	
Trichloroethylene	ND	0.11	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.2	0.45	"		1.3				3.64	25	
Vinyl acetate	ND	0.28	"		ND					25	
Vinyl bromide	ND	0.35	"		ND					25	
Vinyl Chloride	ND	0.10	"		ND					25	





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).
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 C

Soil Vapor Extraction System Field Measurements

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: December 21, 2023

SVE Blower 1 17420.0 Hours

SVE Blower 2 17420.6 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	N/A	N/A
1B	N/A	N/A
2A	N/A	N/A
2B	N/A	N/A
3A	N/A	N/A
3B	N/A	N/A
4A	N/A	N/A
4B	N/A	N/A
Effluent		

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: January 26, 2024

SVE Blower 1 17916.1 Hours

SVE Blower 2 17961.7 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	17	0.3
1B	14	0.1
2A	19	0.2
2B	16	0.2
3A	12	0.4
3B	16	0.4
4A	N/A	N/A
4B	N/A	N/A
Effluent		

Note: N/A – System leg is not operational.



ADVANCED SITE RESTORATION

ENVIRONMENTAL GEOSCIENCES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

May 1, 2024

Ms. Jennifer Gonzalez
New York State Department of Environmental Conservation – Region 2
47-40 21st Street, Long Island City, NY 11206

Re: Quarterly Site Report (Q2 2023-24) for 353 McKibbin Street, Brooklyn, NY 11206
NYSDEC Site # BCP C224102 – **ASR** Project# A22-116

Dear Ms. Gonzalez,

Advanced Site Restoration Environmental Geosciences (“**ASR**”), a division of *Laurel Environmental Geosciences, DPC*. (“*Laurel*”), is pleased to submit this quarterly site report (“QSR”) documenting required quarterly on-site groundwater monitoring well sampling, soil vapor sampling, and assessment of the on-site remedial systems at the property located at 353 McKibbin Street, New York, NY (“Site”). This reporting period includes January, February, and March 2024. The location of the Site is shown on the Site Location Map as Figure 1.0. The purpose of this report is to provide a summary of quarterly groundwater and soil vapor monitoring results, and an assessment of the on-site remediation systems, as required by the New York State Department of Environmental Conservation (“NYSDEC”) under the Brownfields Cleanup Program (“BCP”) with respect to Site #BCP C224102.

Site Background

A total of seven (7) groundwater monitoring wells and six (6) soil vapor monitoring points are present at the Site to monitor on-site concentrations of volatile organic compounds (“VOCs”) and the effectiveness of engineering controls, including the on-site soil vapor extraction (“SVE”) system. The 2007 Remedial Investigation identified elevated concentrations of VOCs including tetrachloroethylene (“PCE”) trichloroethylene (“TCE”) and various non-chlorinated petroleum compounds in soil, soil vapor, and groundwater. Remediation of the Site took place between June 2010 and June 2011, and a BCP Certificate of Completion was issued in December 2011. The locations of all monitoring wells and soil vapor monitoring points are shown on Figure 2.0.

The groundwater monitoring well MW-7 was destroyed during replacement of the sidewalk along Boerum Street. The soil vapor monitoring point SG-5R was also damaged during sidewalk replacement. The vapor monitoring point SV-9 was also observed to have been damaged. Replacement of the well and vapor monitoring points took place in January 2024, and sampling of the replacement well and vapor monitoring points resumed for this quarterly sampling event, in March 2024.

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www.askasr.com

Groundwater Contour Map

Prior to purging, each monitoring well was gauged for the presence of free product, and depths to water were recorded. No product was encountered in any of the on-site monitoring wells. Depth to water readings were combined with an existing survey to calculate groundwater elevations and to construct a groundwater contour map for showing localized groundwater flow at the Site. Groundwater elevation calculations shown in Table I of this report. Groundwater was determined to be flowing towards the northwest at the Site. The resultant groundwater contour map is shown on Figure 3.0.

Groundwater Sampling Procedure

Prior to sampling, each monitoring well was purged a minimum of three (3) casing volumes of water using low-flow sampling techniques. Upon completion of purging, groundwater quality data was collected utilizing an YSI 600 XL MP Sonde Multiparameter water quality meter and a Hanna® turbidity meter or similar instruments. Three (3) rounds of groundwater quality readings were taken at five-minute intervals from each well. The readings were recorded and evaluated to confirm that the groundwater conditions had stabilized and that a representative groundwater sample was being obtained. Groundwater samples were collected from each accessible monitoring well utilizing low-flow sampling techniques. The groundwater samples were collected in appropriate laboratory-supplied containers, were stored on ice, and transported via laboratory courier, under chain-of-custody procedures, to York Laboratories Inc. in Stratford Connecticut, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID No. 10854), under chain of custody (COC) procedures. Disposable sampling materials were double bagged and disposed of as municipal waste, and purge water was returned to the monitoring well from which it was produced. Groundwater quality readings for each monitoring well are included in Table II of this report.

Groundwater Analytical Results

The groundwater samples were analyzed for the presence of VOCs by United States Environmental Protection Agency (“USEPA”) Method 8260. Laboratory analytical results are summarized in Table III of this report, and the laboratory data package is attached to this report as Appendix A.

Groundwater analytical results were compared against the NYSDEC Technical and Operational Guidance Series (“TOGS”) Standards and Guidance Values for Class GA groundwater. VOCs were detected above the NYSDEC TOGS Standards and Guidance Values for Class GA



groundwater in groundwater monitoring well MW-5DR, MW-10DR, and MW-11. Trichloroethylene was detected in exceedance of TOGS Standards in the wells MW-5DR, MW-10DR, and MW-11. Tetrachloroethylene was detected at concentrations in exceedance of TOGS Standards in MW-5DR and MW-10DR. Cis-1,2 dichloroethylene was detected at a concentration in exceedance of TOGS Standards in MW-11.

Groundwater Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each monitoring well are shown in Table IV of this report.

The monitoring wells continue to contain concentrations of VOCs above NYSDEC TOGS for Class GA Groundwater. Concentrations appear to either be stable or variably increasing or decreasing, depending on the monitoring well and compound.

Soil Vapor Sampling Procedure

A laboratory certified six-liter Summa canister with associated flow controller are used to collect soil vapor samples from each of the six monitoring points. The samples were collected across two hours, at a rate of three (3) liters per hour. The canisters were connected to tubing that is connected to the vapor monitoring points located beneath the surface. Following collection of the samples, the canisters were delivered to York via courier for analysis.

Soil Vapor Analytical Results

The soil vapor samples were analyzed for VOCs using Method TO-15. Laboratory analytical results are summarized in Table V, and the laboratory analytical report is included in Appendix B. The VOC trichloroethylene was detected in the sample SG-6R and SG-8. Concentrations appear to be stable from previous sampling events.

Soil Vapor Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each soil vapor monitoring point are shown in Table VI of this report.

The concentrations of VOCs in the vapor monitoring points remained stable, indicating the SVE system's effectiveness. The concentration of the compound acetone in the vapor sample SG-7R markedly increased from previous sampling events. Acetone is a common laboratory contaminant, and its concentration will be monitored in future sampling events to establish if there is a trend.

SVE System Assessment

Each quarter, readings are collected from the SVE System to assess the system's effectiveness and determine if any corrective actions are needed. The run times for the two (2) SVE System blowers are recorded. Additionally, the vacuum and flow ranges are measured from each of the vapor extraction legs. The field measurements sheet is included in Appendix C. The system was operating at the time of the sampling event. Based on the run times observed in the system, the system is operating with some downtime, that is corrected.

Differential Pressure Readings

Differential pressure readings were recorded at replacement monitoring well MW-7 and vapor points SG-5 and SV-9. These recorded readings are presented in the table below.

Monitoring Well/Vapor Point	Differential Pressure Measurement(inches of water)
MW-7	-0.007
SG-5R	-0.008
SV-9	-0.069

Conclusions and Recommendations

Groundwater and soil vapor analytical results from the March 2024 quarterly sampling event showed VOCs remaining stable from previous sampling events in groundwater and soil vapor samples. In consultation with NYSDEC, **ASR** proposes to continue quarterly monitoring and reporting, in addition to the annual Periodic Review Report ("PRR")

Please contact us if you have any questions or require additional information.

Respectfully submitted,
Advanced Site Restoration, LLC.



Nicholas Kideris
Geologist II



ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.



Scott A. Yanuck, P.G.
President

Attachments:

Table I: Groundwater Elevations
Table II: Groundwater Quality Measurements
Table III: Summary Groundwater Analytical Results
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Figure 1.0 – Site Location
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Appendix B – Laboratory Analytical Report – Soil Vapor
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TABLES

Table I - Groundwater Elevations

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	3/29/2024	18.42	8.67	9.75
MW-7	3/29/2024	17.05	10.52	6.53
MW-8	3/29/2024	17.33	10.99	6.34
MW-10S	3/29/2024	14.47	4.32	10.15
MW-10D	3/29/2024	14.61	7.93	6.68
MW-11	3/29/2024	17.21	10.31	6.9
MW-12	3/29/2024	16.87	9.11	7.76

Table II - Groundwater Monitoring Well Depths and Chemistry

353 McKibbin Street, Brooklyn, New York

29-Mar-24

Monitoring Well #	<i>MW-5S</i>			<i>MW-5D</i>			<i>MW-7</i>			<i>MW-8</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)				8.67			10.52			10.99		
Depth to Bottom (ft bgs)				37.70			17.89			17.92		
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)				11.33	11.38	11.48	12.60	12.40	12.62	13.17	13.14	13.16
Conductivity (µS/cm)				1144	1146	1149	796.000	789.000	772.000	1994	1999	2014
Dissolved Oxygen (mg/L)				3.57	2.02	1.02	5.51	5.61	5.52	1.83	0.96	0.87
pH				5.08	5.68	6.53	6.43	6.42	6.43	5.95	6.05	6.07
Oxygen Reduction Potential				34.5	12.3	-0.6	-9.6	-8.1	-7.3	4.8	5.6	6.1
Turbidity*												

Monitoring Well #	<i>MW-10S</i>			<i>MW-10D</i>			<i>MW-11</i>			<i>MW-12</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth To Water	4.32			7.93			10.31			9.11		
Depth To Bottom	16.23			40.91			44.44			17.38		
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)	11.87	11.14	11.03	12.23	12.42	12.58	14.22	14.30	14.44	9.80	9.90	10.03
Conductivity (µS/cm)	250.0	249.0	250.0	894.00	898.00	900.0	1036.0	1038.0	1042.0	214.0	215.0	216.0
Dissolved Oxygen (mg/L)	7.97	8.09	8.14	4.48	9.31	4.29	2.48	2.14	2.17	8.68	8.46	8.28
pH	5.70	5.73	5.75	6.75	6.10	6.02	4.92	4.86	4.70	4.81	4.89	4.85
Oxygen Reduction Potential	-20.7	-19.1	-18.6	-10.6	-11.9	-11.4	25.5	28.1	34.0	29.1	28.7	28.4
Turbidity*							37.6	36.0	37.0	44.6	47.2	40.4

Notes: * Not measured due to equipment malfunction

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	MW-5DR 3/29/2024		MW-7 3/29/2024		MW-8 3/29/2024		MW-10S 3/29/2024		MW-10D 3/29/2024		MW-11 3/29/2024		MW-12 3/29/2024	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		25		1	
1,1-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.8		0.0	U
2-Butanone	50	0.0	U	0.0	U	0.0	U	0.6		0.0	U	0.0	U	0.0	U
4-Methyl-2-pentanone	~	0.0	U	0.0	U	0.0	U	1.3		0.0	U	0.0	U	0.0	U
Acetone	50	0.0	U	0.0	U	0.0	U	4.0		1.3	U	0.0	U	1.9	J
Chloroform	7	0.0	U	0.0	U	0.0	U	0.0	U	0.6		0.0	U	0.0	U
cis-1,2-Dichloroethylene	5	1.4		0.0	U	0.0	U	0.0	U	0.9		11.5		1.0	
Methyl acetate	~	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	1.3		0.0	U
Methyl tert-butyl ether (MTBE)	10	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	1.2		0.0	U
Methylcyclohexane	~	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	6.0		0.0	U
Methylene chloride	5	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U
Tetrachloroethylene	5	7.9		0.0	U	1.3		0.0	U	16.9		1.0		0.0	U
trans-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	3.0		0.0	U
Trichloroethylene	5	12.3		0.0	U	4.6		0.3	J	11.9		362.0	D	0.7	
Total VOCs	~	21.600		0.000		5.830		6.210		31.640		386.680		3.550	

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-5DR (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	11.2	8.98	N/A	18.8	5.09	7.87
Trichloroethylene	10.6	12.1	N/A	14.2	8.58	12.3
cis-1,2-Dichloroethylene	0.32	0.47	N/A	1.58	3.50	1.40
Vinyl Chloride	0.0	0.0	N/A	0.0	0.86	0.0
Total VOCs	23.53	21.55	N/A	38.60	18.32	21.60

MW-7 (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	0	0	N/A	N/A	N/A	0.0
Trichloroethylene	0.26	0	N/A	N/A	N/A	0.0
cis-1,2-Dichloroethylene	0	0	N/A	N/A	N/A	0.0
Vinyl Chloride	0	0	N/A	N/A	N/A	0.0
Total VOCs	0.67	0.00	N/A	N/A	N/A	0.0

MW-8 (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	4.67	4.90	5.39	14.20	3.44	1.27
Trichloroethylene	16.2	20.3	12.4	27.4	13.8	4.56
cis-1,2-Dichloroethylene	0.63	0.74	0.44	1.58	0.54	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	21.50	26.22	21.95	46.97	18.40	5.83

MW-10SR (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	40.00	0.0
Trichloroethylene	23.6	26.7	21.7	50.5	23.6	0.31
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	1.68	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	68.73	6.21

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-10DR (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	0.39	16.9
Trichloroethylene	23.6	26.7	21.7	50.5	0.78	11.9
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	0.0	0.9
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	2.23	31.64

MW-11 (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	2.84	2.22	4.35	4.03	2.10	1.00
Trichloroethylene	257	380	459	434	1050	362
cis-1,2-Dichloroethylene	7.24	21.70	24.80	28.70	17.40	11.50
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	272.00	416.38	498.45	476.55	1,075.58	386.68

MW-12 (ug/L)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	0.0	0.0	0.0	0.0	0.0	0.0
Trichloroethylene	1.58	4.47	0.63	1.93	3.23	0.71
cis-1,2-Dichloroethylene	1.23	65	0.48	1.05	3.7	0.96
Vinyl Chloride	0.0	27.4	1.18	0.0	0.0	0.0
Total VOCs	5.18	104.20	6.65	8.43	7.26	3.55

Table V – Summary Soil Vapor Analytical Results

Sample ID Sampling Date	SV-4 3/29/2024		SG-5R 3/29/2024		SG-6R 3/29/2024		SG-7R 3/29/2024		SG-8 3/29/2024		SV-9 3/29/2024	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP) Add On	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.523		1.454		1.476		15.6		1.609		1.752	
2,2,4-Trimethylpentane	0.4	D	0.3	D	0.0	U	0.0	U	0.000	U	0.000	U
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.523		1.454		1.476		83.52		1.609		1.752	
1,2,4-Trimethylbenzene	1.9	D	7.1	D	0.0	U	0.0	U	0.8	U	0.0	U
1,3,5-Trimethylbenzene	0.0	U	1.6	D	0.0	U	0.0	U	0.8	U	0.0	U
1,4-Dichlorobenzene	1.1	D	0.0	U	0.0	U	0.0	U	1.0	U	0.0	U
2-Butanone	1.5	D	1.2	D	1.7	D	190.0	D	4.8	D	1.6	D
2-Hexanone	0.0	U	0.0	U	0.0	U	20.0	D	1.3	U	0.0	U
4-Methyl-2-pentanone	0.8	D	0.0	U	0.0	U	0.0	U	0.7	U	0.8	D
Acetone	13.0	D	15.0	D	37.0	D	5,500.0	D	22.0	D	38.0	D
Acrylonitrile	0.0	U	0.0	U	0.0	U	4.1	D	0.4	U	0.0	U
Benzene	0.9	D	0.0	U	0.0	U	0.0	U	0.5	U	0.7	D
Carbon disulfide	0.0	U	0.5	D	0.0	U	0.0	U	0.5	U	0.0	U
Carbon tetrachloride	0.3	D	0.0	U	0.3	D	0.0	U	0.3	U	0.3	D
Chloroform	0.0	U	5.5	D	0.0	U	0.0	U	0.8	U	0.0	U
Chloromethane	1.4	D	0.0	U	1.7	D	0.0	U	1.7	D	1.3	D
Dichlorodifluoromethane	2.3	D	2.7	D	2.5	D	0.0	U	2.5	D	2.3	D
Ethyl acetate	1.1	D	0.0	U	0.0	U	0.0	U	1.2	U	0.0	U
Ethyl Benzene	1.1	D	2.3	D	0.0	U	0.0	U	0.7	U	0.0	U
Isopropanol	8.5	D	1.8	D	1.3	D	81.0	D	1.3	D	1.9	D
Methylene chloride	1.2	D	0.0	U	0.0	U	0.0	U	1.1	U	0.0	U
n-Heptane	0.0	U	1.3	D	0.0	U	0.0	U	0.7	U	0.0	U
n-Hexane	0.6	D	0.8	D	0.0	U	0.0	U	0.6	U	0.6	D
o-Xylene	1.5	D	3.8	D	0.0	U	0.0	U	0.7	U	0.0	U
p- & m- Xylenes	4.6	D	9.5	D	0.0	U	0.0	U	1.4	U	2.5	D
p-Ethyltoluene	1.5	D	5.4	D	0.0	U	0.0	U	0.8	U	0.0	U
Propylene	1.5	D	0.5	D	1.0	D	190.0	D	1.1	D	1.5	D
Tetrachloroethylene	0.0	U	2.2	D	0.0	U	0.0	U	0.0	U	0.0	U
Toluene	2.6	D	4.3	D	4.3	D	0.0	U	3.3	D	1.8	D
Trichloroethylene	0.3	D	2.9	D	0.0	U	0.0	U	0.0	U	0.0	U
Trichlorofluoromethane (Freon 11)	1.2	D	1.5	D	1.2	D	0.0	U	1.2	D	1.2	D
Total VOCs	48.8		69.9		51.0		5,985.1		51.9		54.6	

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 U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SV-4 (ug/m3)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	160.00	34.00	4.50	5.40	ND	ND
Trichloroethylene	460	110	5.8	3.9	ND	0.3
cis-1,2-Dichloroethylene	0.88	0.39	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Total VOCs	957.00	303.30	279.00	83.00	19.19	48.82

SG-5R (ug/m3)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	ND	1.30	N/A	N/A	N/A	2.20
Trichloroethylene	ND	0.53	N/A	N/A	N/A	2.9
cis-1,2-Dichloroethylene	ND	ND	N/A	N/A	N/A	ND
Vinyl Chloride	ND	ND	N/A	N/A	N/A	ND
Total VOCs	13.00	81.00	N/A	N/A	N/A	69.94

SG-6R (ug/m3)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND
Trichloroethylene	1.40	ND	ND	ND	1.30	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Total VOCs	11.00	57.00	29.00	62.00	23.48	50.98

SG-7R (ug/m3)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	1.20	1.40	2.40	ND	ND	ND
Trichloroethylene	1.60	4.1	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Total VOCs	36.00	45.00	183.00	300.00	843.50	5,985.10

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SG-8 (ug/m3)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.53	ND	ND	ND	1.90	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Total VOCs	13.00	37.00	130.00	21.00	18.82	51.93

SV-9 (ug/m3)						
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024
Tetrachloroethylene	ND	ND	3.00	1.60	ND	ND
Trichloroethylene	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Total VOCs	12.00	32.00	28.00	39.00	30.48	54.57

FIGURES



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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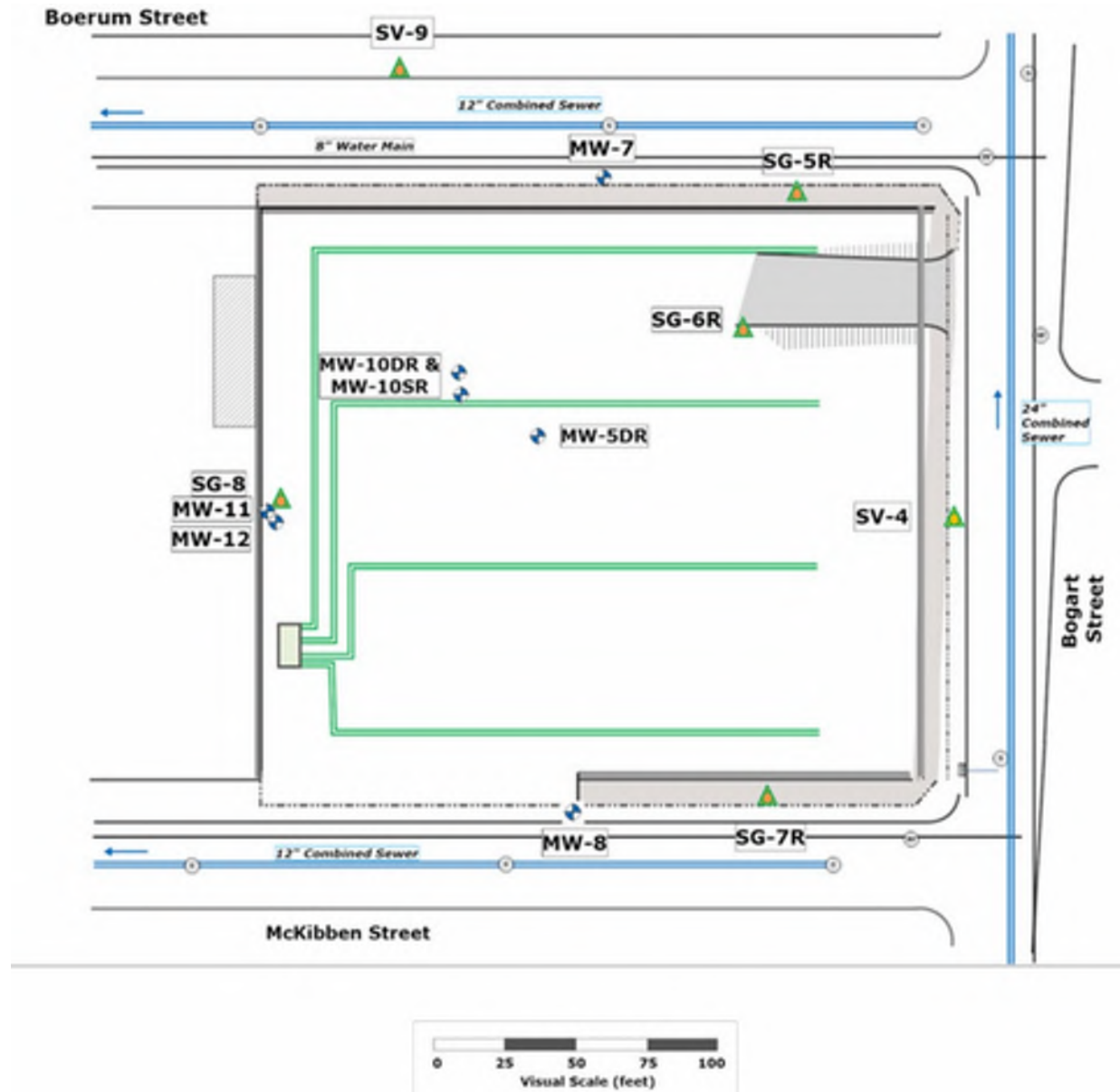
FIGURE 1.0
SITE LOCATION
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE:
DRAWN BY: NK
CHECKED BY:
REVISIONS:

KEY

- - - Approximate Property Boundary

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.



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Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 2.0
MONITORING WELL AND VAPOR
MONITORING POINT LOCATIONS
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116

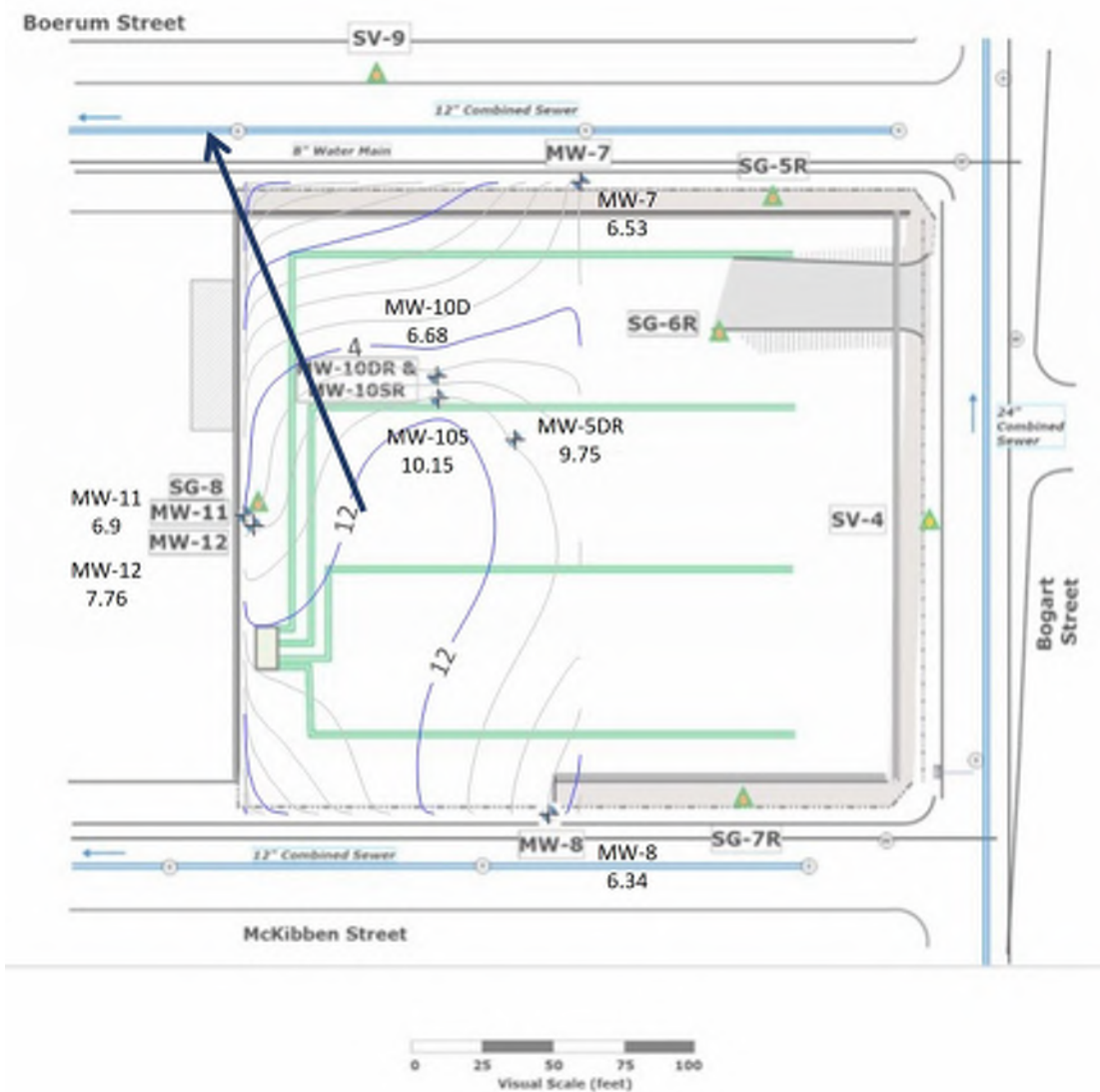
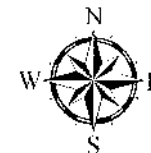
DRAWING DATE:

DRAWN BY: NK

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FIGURE 3.0
GROUNDWATER CONTOUR MAP
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116

DRAWING DATE:

DRAWN BY: NK

CHECKED BY:

REVISIONS:

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APPENDIX A

Laboratory Analytical Report - Groundwater



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 04/05/2024

Client Project ID: 353 McKibbin Street Brooklyn, New York A22-116 MC

York Project (SDG) No.: 24D0010

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



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

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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 04/05/2024
Client Project ID: 353 McKibbin Street Brooklyn, New York A22-116 MC
York Project (SDG) No.: 24D0010

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 April 01, 2024 and listed below. The project was identified as your project: **353 McKibbin Street Brooklyn, New York A22-116 MC**.

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.

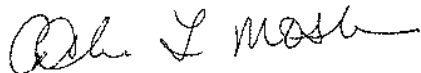
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24D0010-01	MW-5DR	Ground Water	03/29/2024	04/01/2024
24D0010-02	MW-7	Ground Water	03/29/2024	04/01/2024
24D0010-03	MW-8	Ground Water	03/29/2024	04/01/2024
24D0010-04	MW-10S	Ground Water	03/29/2024	04/01/2024
24D0010-05	MW-10D	Ground Water	03/29/2024	04/01/2024
24D0010-06	MW-11	Ground Water	03/29/2024	04/01/2024
24D0010-07	MW-12	Ground Water	03/29/2024	04/01/2024
24D0010-08	Dup	Ground Water	03/29/2024	04/01/2024
24D0010-09	Trip Blank	Water	03/29/2024	04/01/2024

General Notes for York Project (SDG) No.: 24D0010

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 04/05/2024





Sample Information

Client Sample ID: MW-5DR

York Sample ID: 24D0010-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	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:	04/02/2024 08:00	04/02/2024 17:30	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 24D0010-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.320	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
156-59-2	cis-1,2-Dichloroethylene	1.43		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 24D0010-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.241	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:30	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:30	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:30	SCB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:30	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/02/2024 17:30	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/02/2024 17:30	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:30	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:30	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
127-18-4	Tetrachloroethylene	7.87	ICVE, QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	04/02/2024 17:30	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:30	SCB
79-01-6	Trichloroethylene	12.3		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	04/02/2024 17:30	SCB



Sample Information

Client Sample ID: MW-5DR

York Sample ID: 24D0010-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 08:00	04/02/2024 17:30	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	04/02/2024 08:00	04/02/2024 17:30	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	04/02/2024 08:00	04/02/2024 17:30	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	103 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	79-122								

Sample Information

Client Sample ID: MW-7

York Sample ID: 24D0010-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	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	04/02/2024 08:00	04/02/2024 17:57	SCB



Sample Information

Client Sample ID: MW-7

York Sample ID: 24D0010-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:55 pm

04/01/2024

Volatile Organics, 8260 Low 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB



Sample Information

Client Sample ID: MW-7

York Sample ID: 24D0010-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:55 pm

04/01/2024

Volatile Organics, 8260 Low 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
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB



Sample Information

Client Sample ID: MW-7

York Sample ID: 24D0010-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:55 pm

04/01/2024

Volatile Organics, 8260 Low 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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:57	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	92.6 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	108 %	79-122								

Sample Information

Client Sample ID: MW-8

York Sample ID: 24D0010-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:25 pm

04/01/2024



Sample Information

Client Sample ID: MW-8

York Sample ID: 24D0010-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:25 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	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:	04/02/2024 08:00	04/02/2024 18:23	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB



Sample Information

Client Sample ID: MW-8

York Sample ID: 24D0010-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:25 pm

04/01/2024

Volatile Organics, 8260 Low 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
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB



Sample Information

Client Sample ID: MW-8

York Sample ID: 24D0010-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:25 pm

04/01/2024

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 18:23	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 18:23	SCB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 18:23	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/02/2024 18:23	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/02/2024 18:23	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:23	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 18:23	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
127-18-4	Tetrachloroethylene	1.27	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	04/02/2024 18:23	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
79-01-6	Trichloroethylene	4.56		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	04/02/2024 18:23	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 18:23	SCB



Sample Information

Client Sample ID: MW-8

York Sample ID: 24D0010-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 2:25 pm

04/01/2024

Volatile Organics, 8260 Low 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
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	04/02/2024 08:00	04/02/2024 18:23	SCB
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.0 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	103 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %		79-122							

Sample Information

Client Sample ID: MW-10S

York Sample ID: 24D0010-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:30 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	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	04/02/2024 08:00	04/02/2024 18:50	SCB



Sample Information

Client Sample ID: MW-10S

York Sample ID: 24D0010-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:30 pm

04/01/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
78-93-3	2-Butanone	0.630	CCVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
108-10-1	4-Methyl-2-pentanone	1.30		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
67-64-1	Acetone	3.97	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB



Sample Information

Client Sample ID: MW-10S

York Sample ID: 24D0010-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:30 pm

04/01/2024

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 18:50	SCB



Sample Information

Client Sample ID: MW-10S

York Sample ID: 24D0010-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 1:30 pm

04/01/2024

Volatile Organics, 8260 Low 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
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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 18:50	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 18:50	SCB
79-01-6	Trichloroethylene	0.310	J	ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 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	04/02/2024 08:00	04/02/2024 18:50	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.6 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								

Sample Information

Client Sample ID: MW-10D

York Sample ID: 24D0010-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:55 pm

04/01/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418			
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@			



Sample Information

Client Sample ID: MW-10D

York Sample ID: 24D0010-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:14	SCB
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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB



Sample Information

Client Sample ID: MW-10D

York Sample ID: 24D0010-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
67-66-3	Chloroform	0.610		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
156-59-2	cis-1,2-Dichloroethylene	0.890		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB



Sample Information

Client Sample ID: MW-10D

York Sample ID: 24D0010-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:55 pm

04/01/2024

Volatile Organics, 8260 Low 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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
127-18-4	Tetrachloroethylene	16.9	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
79-01-6	Trichloroethylene	11.9		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:14	SCB



Sample Information

Client Sample ID: MW-10D

York Sample ID: 24D0010-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:55 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:14	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	04/02/2024 02:00	04/02/2024 23:14	SCB
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.4 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	104 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %		79-122							

Sample Information

Client Sample ID: MW-11

York Sample ID: 24D0010-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:00 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	SCB
75-35-4	1,1-Dichloroethylene	0.770		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:40	SCB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	SCB



Sample Information

Client Sample ID: MW-11

York Sample ID: 24D0010-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:00 pm

04/01/2024

Volatile Organics, 8260 Low 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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB



Sample Information

Client Sample ID: MW-11

York Sample ID: 24D0010-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:00 pm

04/01/2024

Volatile Organics, 8260 Low 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
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	SCB
156-59-2	cis-1,2-Dichloroethylene	11.5		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	SCB
79-20-9	Methyl acetate	1.32		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:40	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	1.20		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 23:40	SCB
108-87-2	Methyleyclohexane	5.95	CCVE	ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	SCB
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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	04/02/2024 02:00	04/02/2024 23:40	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-	04/02/2024 02:00	04/02/2024 23:40	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-	04/02/2024 02:00	04/02/2024 23:40	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB



Sample Information

Client Sample ID: MW-11

York Sample ID: 24D0010-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:00 pm

04/01/2024

Volatile Organics, 8260 Low 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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
127-18-4	Tetrachloroethylene	0.970	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
156-60-5	trans-1,2-Dichloroethylene	2.97		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
79-01-6	Trichloroethylene	362		ug/L	6.22	12.5	25	EPA 8260D Certifications:	04/04/2024 08:00	04/04/2024 13:47	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 23:40	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.5 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	79-122								

Sample Information

Client Sample ID: MW-12

York Sample ID: 24D0010-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-12

York Sample ID: 24D0010-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	SCB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	SCB
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:07	SCB
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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	SCB



Sample Information

Client Sample ID: MW-12

York Sample ID: 24D0010-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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
67-64-1	Acetone	1.88	J, ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:07	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	SCB
156-59-2	cis-1,2-Dichloroethylene	0.960		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	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	04/02/2024 02:00	04/03/2024 00:07	SCB



Sample Information

Client Sample ID: MW-12

York Sample ID: 24D0010-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
79-01-6	Trichloroethylene	0.710		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:07	SCB



Sample Information

Client Sample ID: MW-12

York Sample ID: 24D0010-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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
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	04/02/2024 02:00	04/03/2024 00:07	SCB
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.4 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	107 %		79-122							

Sample Information

Client Sample ID: Dup

York Sample ID: 24D0010-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB



Sample Information

Client Sample ID: Dup

York Sample ID: 24D0010-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB



Sample Information

Client Sample ID: Dup

York Sample ID: 24D0010-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Ground Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	SCB
67-66-3	Chloroform	0.590		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
156-59-2	cis-1,2-Dichloroethylene	0.830		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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-	04/02/2024 02:00	04/03/2024 00:33	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-	04/02/2024 02:00	04/03/2024 00:33	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/03/2024 00:33	SCB



Sample Information

<u>Client Sample ID:</u> Dup			<u>York Sample ID:</u> 24D0010-08	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24D0010	353 McKibbin Street Brooklyn, New York A22-116 MC	Ground Water	March 29, 2024 12:23 pm	04/01/2024

Volatile Organics, 8260 Low 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
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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
127-18-4	Tetrachloroethylene	16.2	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
79-01-6	Trichloroethylene	11.4		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	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	04/02/2024 02:00	04/03/2024 00:33	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	94.6 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	108 %	79-122								

Sample Information

<u>Client Sample ID:</u> Trip Blank		<u>York Sample ID:</u> 24D0010-09		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24D0010	353 McKibbin Street Brooklyn, New York A22-116 MC	Water	March 29, 2024 12:23 pm	04/01/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418			
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@			



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24D0010-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 22:47	SCB
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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24D0010-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24D0010-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0010

353 McKibbin Street Brooklyn, New York A22-116 MC

Water

March 29, 2024 12:23 pm

04/01/2024

Volatile Organics, 8260 Low 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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
75-09-2	Methylene chloride	0.680	J, B	ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/02/2024 02:00	04/02/2024 22:47	SCB



Sample Information

<u>Client Sample ID:</u> Trip Blank			<u>York Sample ID:</u> 24D0010-09	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24D0010	353 McKibbin Street Brooklyn, New York A22-116 MC	Water	March 29, 2024 12:23 pm	04/01/2024

Volatile Organics, 8260 Low 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	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 02:00	04/02/2024 22:47	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	04/02/2024 02:00	04/02/2024 22:47	SCB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	89.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	105 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %	79-122								



Analytical Batch Summary

Batch ID: BD40149 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0010-01	MW-5DR	04/02/24
24D0010-02	MW-7	04/02/24
24D0010-03	MW-8	04/02/24
24D0010-04	MW-10S	04/02/24
BD40149-BLK1	Blank	04/02/24
BD40149-BS1	LCS	04/02/24
BD40149-BSD1	LCS Dup	04/02/24

Batch ID: BD40186 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0010-05	MW-10D	04/02/24
24D0010-06	MW-11	04/02/24
24D0010-07	MW-12	04/02/24
24D0010-08	Dup	04/02/24
24D0010-09	Trip Blank	04/02/24
BD40186-BLK1	Blank	04/02/24
BD40186-BS1	LCS	04/02/24
BD40186-BSD1	LCS Dup	04/02/24

Batch ID: BD40376 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0010-06RE1	MW-11	04/04/24
BD40376-BLK1	Blank	04/04/24
BD40376-BS1	LCS	04/04/24
BD40376-BSD1	LCS Dup	04/04/24



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

Batch BD40149 - EPA 5030B

Blank (BD40149-BLK1)

Prepared & Analyzed: 04/02/2024

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	1.00	"
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	"



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 BD40149 - EPA 5030B

Blank (BD40149-BLK1)

Prepared & Analyzed: 04/02/2024

Methylcyclohexane	ND	0.500	ug/L
Methylene chloride	1.09	2.00	"
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

10.1

"

10.0

101

69-130

Surrogate: SURR: Toluene-d8

10.1

"

10.0

101

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.65

"

10.0

96.5

79-122

LCS (BD40149-BS1)

Prepared & Analyzed: 04/02/2024

1,1,1,2-Tetrachloroethane	9.68		ug/L	10.0		96.8	82-126
1,1,1-Trichloroethane	9.35		"	10.0		93.5	78-136
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123
1,1-Dichloroethane	9.23		"	10.0		92.3	82-129
1,1-Dichloroethylene	9.80		"	10.0		98.0	68-138
1,2,3-Trichlorobenzene	12.6		"	10.0		126	76-136
1,2,3-Trichloropropane	8.99		"	10.0		89.9	77-128
1,2,4-Trichlorobenzene	11.3		"	10.0		113	76-137
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	45-147
1,2-Dibromoethane	9.50		"	10.0		95.0	83-124
1,2-Dichlorobenzene	9.62		"	10.0		96.2	79-123
1,2-Dichloroethane	10.3		"	10.0		103	73-132
1,2-Dichloropropane	10.1		"	10.0		101	78-126
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131
1,3-Dichlorobenzene	9.54		"	10.0		95.4	86-122
1,3-Dichloropropane	9.70		"	10.0		97.0	81-125
1,4-Dichlorobenzene	9.34		"	10.0		93.4	85-124
1,4-Dioxane	200		"	210		95.5	10-349
2-Butanone	9.32		"	10.0		93.2	49-152
2-Hexanone	9.53		"	10.0		95.3	51-146



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 BD40149 - EPA 5030B

LCS (BD40149-BS1)

Prepared & Analyzed: 04/02/2024

4-Methyl-2-pentanone	10.8		ug/L	10.0		108	57-145				
Acetone	6.80		"	10.0		68.0	14-150				
Acrolein	7.50		"	10.0		75.0	10-153				
Acrylonitrile	10.2		"	10.0		102	51-150				
Benzene	9.72		"	10.0		97.2	85-126				
Bromochloromethane	9.39		"	10.0		93.9	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	10.0		"	10.0		100	78-133				
Bromomethane	8.59		"	10.0		85.9	43-168				
Carbon disulfide	9.40		"	10.0		94.0	68-146				
Carbon tetrachloride	9.59		"	10.0		95.9	77-141				
Chlorobenzene	9.75		"	10.0		97.5	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	9.27		"	10.0		92.7	82-128				
Chloromethane	12.8		"	10.0		128	43-155				
cis-1,2-Dichloroethylene	9.65		"	10.0		96.5	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	10.7		"	10.0		107	63-149				
Dibromochloromethane	9.78		"	10.0		97.8	80-130				
Dibromomethane	9.56		"	10.0		95.6	72-134				
Dichlorodifluoromethane	12.7		"	10.0		127	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	11.9		"	10.0		119	67-146				
Isopropylbenzene	9.81		"	10.0		98.1	76-140				
Methyl acetate	10.1		"	10.0		101	51-139				
Methyl tert-butyl ether (MTBE)	9.98		"	10.0		99.8	76-135				
Methylcyclohexane	10.5		"	10.0		105	72-143				
Methylene chloride	10.3		"	10.0		103	55-137				
Naphthalene	12.6		"	10.0		126	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	9.95		"	10.0		99.5	78-133				
o-Xylene	9.84		"	10.0		98.4	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	10.1		"	10.0		101	84-134				
p-Ethyltoluene	9.39		"	10.0		93.9	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.3		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	44.3		"	50.0		88.6	25-162				
tert-Butylbenzene	9.84		"	10.0		98.4	77-138				
Tetrachloroethylene	4.83		"	10.0		48.3	82-131	Low Bias			
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	9.64		"	10.0		96.4	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	9.45		"	10.0		94.5	82-128				
Trichlorofluoromethane	11.4		"	10.0		114	67-139				
Vinyl Chloride	11.6		"	10.0		116	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.76		"	10.0		97.6	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.88		"	10.0		98.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD40149 - EPA 5030B											
LCS Dup (BD40149-BSD1)						Prepared & Analyzed: 04/02/2024					
1,1,1,2-Tetrachloroethane	9.37		ug/L	10.0		93.7	82-126		3.25	30	
1,1,1-Trichloroethane	8.99		"	10.0		89.9	78-136		3.93	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129		1.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		3.67	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123		1.57	30	
1,1-Dichloroethane	8.93		"	10.0		89.3	82-129		3.30	30	
1,1-Dichloroethylene	9.24		"	10.0		92.4	68-138		5.88	30	
1,2,3-Trichlorobenzene	18.0		"	10.0		180	76-136	High Bias	35.6	30	Non-dir.
1,2,3-Trichloropropane	8.99		"	10.0		89.9	77-128		0.00	30	
1,2,4-Trichlorobenzene	12.8		"	10.0		128	76-137		12.8	30	
1,2,4-Trimethylbenzene	9.63		"	10.0		96.3	82-132		7.88	30	
1,2-Dibromo-3-chloropropane	13.1		"	10.0		131	45-147		12.6	30	
1,2-Dibromoethane	9.79		"	10.0		97.9	83-124		3.01	30	
1,2-Dichlorobenzene	9.38		"	10.0		93.8	79-123		2.53	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		2.30	30	
1,2-Dichloropropane	9.87		"	10.0		98.7	78-126		2.70	30	
1,3,5-Trimethylbenzene	9.35		"	10.0		93.5	80-131		8.89	30	
1,3-Dichlorobenzene	8.99		"	10.0		89.9	86-122		5.94	30	
1,3-Dichloropropane	9.81		"	10.0		98.1	81-125		1.13	30	
1,4-Dichlorobenzene	8.86		"	10.0		88.6	85-124		5.27	30	
1,4-Dioxane	210		"	210		99.9	10-349		4.53	30	
2-Butanone	8.72		"	10.0		87.2	49-152		6.65	30	
2-Hexanone	10.5		"	10.0		105	51-146		9.40	30	
4-Methyl-2-pentanone	11.8		"	10.0		118	57-145		8.60	30	
Acetone	7.24		"	10.0		72.4	14-150		6.27	30	
Acrolein	7.16		"	10.0		71.6	10-153		4.64	30	
Acrylonitrile	10.5		"	10.0		105	51-150		3.58	30	
Benzene	9.44		"	10.0		94.4	85-126		2.92	30	
Bromochloromethane	9.26		"	10.0		92.6	77-128		1.39	30	
Bromodichloromethane	9.80		"	10.0		98.0	79-128		2.42	30	
Bromoform	10.5		"	10.0		105	78-133		5.07	30	
Bromomethane	8.12		"	10.0		81.2	43-168		5.63	30	
Carbon disulfide	8.93		"	10.0		89.3	68-146		5.13	30	
Carbon tetrachloride	9.04		"	10.0		90.4	77-141		5.90	30	
Chlorobenzene	9.37		"	10.0		93.7	88-120		3.97	30	
Chloroethane	10.4		"	10.0		104	65-136		3.87	30	
Chloroform	9.04		"	10.0		90.4	82-128		2.51	30	
Chloromethane	12.4		"	10.0		124	43-155		3.18	30	
cis-1,2-Dichloroethylene	9.29		"	10.0		92.9	83-129		3.80	30	
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-131		1.80	30	
Cyclohexane	10.3		"	10.0		103	63-149		4.09	30	
Dibromochloromethane	9.86		"	10.0		98.6	80-130		0.815	30	
Dibromomethane	9.57		"	10.0		95.7	72-134		0.105	30	
Dichlorodifluoromethane	12.1		"	10.0		121	44-144		4.27	30	
Ethyl Benzene	9.50		"	10.0		95.0	80-131		6.62	30	
Hexachlorobutadiene	11.3		"	10.0		113	67-146		5.25	30	
Isopropylbenzene	8.88		"	10.0		88.8	76-140		9.95	30	
Methyl acetate	11.4		"	10.0		114	51-139		11.3	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		7.61	30	
Methylcyclohexane	9.66		"	10.0		96.6	72-143		8.05	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40149 - EPA 5030B

LCS Dup (BD40149-BSD1)

Prepared & Analyzed: 04/02/2024

Methylene chloride	10.3		ug/L	10.0		103	55-137		0.0970	30
Naphthalene	15.8		"	10.0		158	70-147	High Bias	22.4	30
n-Butylbenzene	10.1		"	10.0		101	79-132		8.54	30
n-Propylbenzene	9.04		"	10.0		90.4	78-133		9.58	30
o-Xylene	9.41		"	10.0		94.1	78-130		4.47	30
p- & m- Xylenes	19.3		"	20.0		96.4	77-133		6.47	30
p-Diethylbenzene	9.33		"	10.0		93.3	84-134		7.73	30
p-Ethyltoluene	8.50		"	10.0		85.0	88-129	Low Bias	9.95	30
p-Isopropyltoluene	9.49		"	10.0		94.9	81-136		10.1	30
sec-Butylbenzene	9.19		"	10.0		91.9	79-137		10.0	30
Styrene	9.87		"	10.0		98.7	67-132		3.87	30
tert-Butyl alcohol (TBA)	47.0		"	50.0		94.1	25-162		6.00	30
tert-Butylbenzene	8.94		"	10.0		89.4	77-138		9.58	30
Tetrachloroethylene	4.51		"	10.0		45.1	82-131	Low Bias	6.85	30
Toluene	9.50		"	10.0		95.0	80-127		6.02	30
trans-1,2-Dichloroethylene	9.26		"	10.0		92.6	80-132		4.02	30
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		0.0976	30
Trichloroethylene	8.84		"	10.0		88.4	82-128		6.67	30
Trichlorofluoromethane	11.0		"	10.0		110	67-139		3.67	30
Vinyl Chloride	11.1		"	10.0		111	58-145		4.32	30
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130			
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122			

Batch BD40186 - EPA 5030B

Blank (BD40186-BLK1)

Prepared & Analyzed: 04/02/2024

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	"



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 BD40186 - EPA 5030B

Blank (BD40186-BLK1)

Prepared & Analyzed: 04/02/2024

Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.410	2.00	"								
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	8.96		"	10.0		89.6	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.9		"	10.0		109	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 BD40186 - EPA 5030B

LCS (BD40186-BS1)

Prepared & Analyzed: 04/02/2024

1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.2		"	10.0		142	54-165				
1,1,2-Trichloroethane	9.98		"	10.0		99.8	82-123				
1,1-Dichloroethane	9.62		"	10.0		96.2	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136				
1,2,3-Trichloropropane	9.12		"	10.0		91.2	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147				
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124				
1,2-Dichlorobenzene	9.33		"	10.0		93.3	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	10.3		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	9.93		"	10.0		99.3	80-131				
1,3-Dichlorobenzene	9.10		"	10.0		91.0	86-122				
1,3-Dichloropropane	9.69		"	10.0		96.9	81-125				
1,4-Dichlorobenzene	8.99		"	10.0		89.9	85-124				
1,4-Dioxane	193		"	210		91.7	10-349				
2-Butanone	9.27		"	10.0		92.7	49-152				
2-Hexanone	9.87		"	10.0		98.7	51-146				
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145				
Acetone	6.73		"	10.0		67.3	14-150				
Acrolein	5.76		"	10.0		57.6	10-153				
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	9.99		"	10.0		99.9	85-126				
Bromochloromethane	9.55		"	10.0		95.5	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	9.56		"	10.0		95.6	78-133				
Bromomethane	9.39		"	10.0		93.9	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	9.72		"	10.0		97.2	88-120				
Chloroethane	11.6		"	10.0		116	65-136				
Chloroform	9.38		"	10.0		93.8	82-128				
Chloromethane	14.0		"	10.0		140	43-155				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	83-129				
cis-1,3-Dichloropropylene	9.97		"	10.0		99.7	80-131				
Cyclohexane	13.5		"	10.0		135	63-149				
Dibromochloromethane	9.64		"	10.0		96.4	80-130				
Dibromomethane	9.60		"	10.0		96.0	72-134				
Dichlorodifluoromethane	17.6		"	10.0		176	44-144	High Bias			
Ethyl Benzene	10.3		"	10.0		103	80-131				
Hexachlorobutadiene	11.2		"	10.0		112	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	10.6		"	10.0		106	51-139				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylcyclohexane	12.6		"	10.0		126	72-143				



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 BD40186 - EPA 5030B

LCS (BD40186-BS1)

Prepared & Analyzed: 04/02/2024

Methylene chloride	10.1		ug/L	10.0		101	55-137				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	10.1		"	10.0		101	78-133				
o-Xylene	9.75		"	10.0		97.5	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	9.62		"	10.0		96.2	84-134				
p-Ethyltoluene	9.38		"	10.0		93.8	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	41.4		"	50.0		82.8	25-162				
tert-Butylbenzene	9.93		"	10.0		99.3	77-138				
Tetrachloroethylene	4.95		"	10.0		49.5	82-131	Low Bias			
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	78-131				
Trichloroethylene	9.66		"	10.0		96.6	82-128				
Trichlorofluoromethane	14.2		"	10.0		142	67-139	High Bias			
Vinyl Chloride	12.5		"	10.0		125	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.83		"	10.0		98.3	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				

LCS Dup (BD40186-BS1)

Prepared & Analyzed: 04/02/2024

1,1,1,2-Tetrachloroethane	9.22		ug/L	10.0		92.2	82-126		2.57	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-136		5.38	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		2.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.4		"	10.0		134	54-165		6.52	30	
1,1,2-Trichloroethane	9.81		"	10.0		98.1	82-123		1.72	30	
1,1-Dichloroethane	9.09		"	10.0		90.9	82-129		5.67	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		6.95	30	
1,2,3-Trichlorobenzene	8.80		"	10.0		88.0	76-136		15.3	30	
1,2,3-Trichloropropane	8.99		"	10.0		89.9	77-128		1.44	30	
1,2,4-Trichlorobenzene	9.51		"	10.0		95.1	76-137		7.29	30	
1,2,4-Trimethylbenzene	9.75		"	10.0		97.5	82-132		3.82	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		0.00	30	
1,2-Dibromoethane	9.20		"	10.0		92.0	83-124		4.36	30	
1,2-Dichlorobenzene	9.09		"	10.0		90.9	79-123		2.61	30	
1,2-Dichloroethane	9.86		"	10.0		98.6	73-132		5.81	30	
1,2-Dichloropropane	9.98		"	10.0		99.8	78-126		2.86	30	
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131		2.34	30	
1,3-Dichlorobenzene	8.89		"	10.0		88.9	86-122		2.33	30	
1,3-Dichloropropane	9.41		"	10.0		94.1	81-125		2.93	30	
1,4-Dichlorobenzene	8.65		"	10.0		86.5	85-124		3.85	30	
1,4-Dioxane	202		"	210		96.3	10-349		4.83	30	
2-Butanone	8.89		"	10.0		88.9	49-152		4.19	30	
2-Hexanone	9.42		"	10.0		94.2	51-146		4.67	30	
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145		2.95	30	
Acetone	6.62		"	10.0		66.2	14-150		1.65	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40186 - EPA 5030B

LCS Dup (BD40186-BSD1)

Prepared & Analyzed: 04/02/2024

Acrolein	6.33		ug/L	10.0		63.3	10-153		9.43	30	
Acrylonitrile	10.3		"	10.0		103	51-150		2.88	30	
Benzene	9.51		"	10.0		95.1	85-126		4.92	30	
Bromochloromethane	9.05		"	10.0		90.5	77-128		5.38	30	
Bromodichloromethane	9.74		"	10.0		97.4	79-128		3.83	30	
Bromoform	9.42		"	10.0		94.2	78-133		1.48	30	
Bromomethane	8.68		"	10.0		86.8	43-168		7.86	30	
Carbon disulfide	9.66		"	10.0		96.6	68-146		6.22	30	
Carbon tetrachloride	10.1		"	10.0		101	77-141		4.85	30	
Chlorobenzene	9.36		"	10.0		93.6	88-120		3.77	30	
Chloroethane	10.9		"	10.0		109	65-136		6.50	30	
Chloroform	8.95		"	10.0		89.5	82-128		4.69	30	
Chloromethane	13.2		"	10.0		132	43-155		5.50	30	
cis-1,2-Dichloroethylene	9.27		"	10.0		92.7	83-129		3.71	30	
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	80-131		3.78	30	
Cyclohexane	12.8		"	10.0		128	63-149		5.70	30	
Dibromochloromethane	9.27		"	10.0		92.7	80-130		3.91	30	
Dibromomethane	9.22		"	10.0		92.2	72-134		4.04	30	
Dichlorodifluoromethane	16.6		"	10.0		166	44-144	High Bias	5.72	30	
Ethyl Benzene	9.80		"	10.0		98.0	80-131		4.68	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		4.66	30	
Isopropylbenzene	9.81		"	10.0		98.1	76-140		3.41	30	
Methyl acetate	9.97		"	10.0		99.7	51-139		6.50	30	
Methyl tert-butyl ether (MTBE)	9.71		"	10.0		97.1	76-135		3.34	30	
Methylcyclohexane	12.1		"	10.0		121	72-143		4.30	30	
Methylene chloride	9.95		"	10.0		99.5	55-137		1.69	30	
Naphthalene	9.52		"	10.0		95.2	70-147		12.3	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		4.03	30	
n-Propylbenzene	9.80		"	10.0		98.0	78-133		3.31	30	
o-Xylene	9.44		"	10.0		94.4	78-130		3.23	30	
p- & m- Xylenes	19.8		"	20.0		98.8	77-133		4.21	30	
p-Diethylbenzene	9.30		"	10.0		93.0	84-134		3.38	30	
p-Ethyltoluene	9.07		"	10.0		90.7	88-129		3.36	30	
p-Isopropyltoluene	9.86		"	10.0		98.6	81-136		4.27	30	
sec-Butylbenzene	9.94		"	10.0		99.4	79-137		3.75	30	
Styrene	9.68		"	10.0		96.8	67-132		3.65	30	
tert-Butyl alcohol (TBA)	42.0		"	50.0		84.1	25-162		1.49	30	
tert-Butylbenzene	9.58		"	10.0		95.8	77-138		3.59	30	
Tetrachloroethylene	4.77		"	10.0		47.7	82-131	Low Bias	3.70	30	
Toluene	9.85		"	10.0		98.5	80-127		3.98	30	
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	80-132		5.90	30	
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	78-131		2.95	30	
Trichloroethylene	9.30		"	10.0		93.0	82-128		3.80	30	
Trichlorofluoromethane	13.4		"	10.0		134	67-139		6.52	30	
Vinyl Chloride	11.7		"	10.0		117	58-145		6.60	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.62		"	10.0		96.2	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40376 - EPA 5030B

Blank (BD40376-BLK1)

Prepared & Analyzed: 04/04/2024

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

Batch BD40376 - EPA 5030B

Blank (BD40376-BLK1)

Prepared & Analyzed: 04/04/2024

Methylene chloride	ND	2.00	ug/L
Naphthalene	1.38	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	9.76	"	10.0	97.6	69-130
Surrogate: SURR: Toluene-d8	10.3	"	10.0	103	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.2	"	10.0	102	79-122

LCS (BD40376-BS1)

Prepared & Analyzed: 04/04/2024

1,1,1,2-Tetrachloroethane	9.31	ug/L	10.0	93.1	82-126	
1,1,1-Trichloroethane	9.42	"	10.0	94.2	78-136	
1,1,2,2-Tetrachloroethane	10.2	"	10.0	102	76-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.4	"	10.0	134	54-165	
1,1,2-Trichloroethane	9.80	"	10.0	98.0	82-123	
1,1-Dichloroethane	9.01	"	10.0	90.1	82-129	
1,1-Dichloroethylene	10.4	"	10.0	104	68-138	
1,2,3-Trichlorobenzene	13.7	"	10.0	137	76-136	High Bias
1,2,3-Trichloropropane	9.00	"	10.0	90.0	77-128	
1,2,4-Trichlorobenzene	11.7	"	10.0	117	76-137	
1,2,4-Trimethylbenzene	9.87	"	10.0	98.7	82-132	
1,2-Dibromo-3-chloropropane	11.6	"	10.0	116	45-147	
1,2-Dibromoethane	9.37	"	10.0	93.7	83-124	
1,2-Dichlorobenzene	9.35	"	10.0	93.5	79-123	
1,2-Dichloroethane	10.3	"	10.0	103	73-132	
1,2-Dichloropropane	9.63	"	10.0	96.3	78-126	
1,3,5-Trimethylbenzene	9.68	"	10.0	96.8	80-131	
1,3-Dichlorobenzene	9.10	"	10.0	91.0	86-122	
1,3-Dichloropropane	9.46	"	10.0	94.6	81-125	
1,4-Dichlorobenzene	8.96	"	10.0	89.6	85-124	
1,4-Dioxane	228	"	210	108	10-349	
2-Butanone	9.02	"	10.0	90.2	49-152	
2-Hexanone	10.0	"	10.0	100	51-146	
4-Methyl-2-pentanone	11.1	"	10.0	111	57-145	



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 BD40376 - EPA 5030B

LCS (BD40376-BS1)

Prepared & Analyzed: 04/04/2024

Acetone	6.92		ug/L	10.0		69.2	14-150				
Acrolein	5.00		"	10.0		50.0	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	9.37		"	10.0		93.7	85-126				
Bromochloromethane	9.28		"	10.0		92.8	77-128				
Bromodichloromethane	9.65		"	10.0		96.5	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	4.32		"	10.0		43.2	43-168				
Carbon disulfide	9.50		"	10.0		95.0	68-146				
Carbon tetrachloride	9.91		"	10.0		99.1	77-141				
Chlorobenzene	9.28		"	10.0		92.8	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	8.88		"	10.0		88.8	82-128				
Chloromethane	10.5		"	10.0		105	43-155				
cis-1,2-Dichloroethylene	9.34		"	10.0		93.4	83-129				
cis-1,3-Dichloropropylene	9.75		"	10.0		97.5	80-131				
Cyclohexane	12.6		"	10.0		126	63-149				
Dibromochloromethane	9.52		"	10.0		95.2	80-130				
Dibromomethane	9.44		"	10.0		94.4	72-134				
Dichlorodifluoromethane	14.9		"	10.0		149	44-144	High Bias			
Ethyl Benzene	9.69		"	10.0		96.9	80-131				
Hexachlorobutadiene	12.3		"	10.0		123	67-146				
Isopropylbenzene	9.49		"	10.0		94.9	76-140				
Methyl acetate	11.0		"	10.0		110	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	12.1		"	10.0		121	72-143				
Methylene chloride	9.29		"	10.0		92.9	55-137				
Naphthalene	17.8		"	10.0		178	70-147	High Bias			
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	9.63		"	10.0		96.3	78-133				
o-Xylene	9.40		"	10.0		94.0	78-130				
p- & m- Xylenes	19.7		"	20.0		98.4	77-133				
p-Diethylbenzene	9.84		"	10.0		98.4	84-134				
p-Ethyltoluene	8.95		"	10.0		89.5	88-129				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.0		"	10.0		100	79-137				
Styrene	9.83		"	10.0		98.3	67-132				
tert-Butyl alcohol (TBA)	49.7		"	50.0		99.4	25-162				
tert-Butylbenzene	9.51		"	10.0		95.1	77-138				
Tetrachloroethylene	4.75		"	10.0		47.5	82-131	Low Bias			
Toluene	9.57		"	10.0		95.7	80-127				
trans-1,2-Dichloroethylene	9.39		"	10.0		93.9	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	8.97		"	10.0		89.7	82-128				
Trichlorofluoromethane	13.4		"	10.0		134	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.90		"	10.0		99.0	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.82		"	10.0		98.2	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	Limit	Flag
Batch BD40376 - EPA 5030B											
LCS Dup (BD40376-BSD1)						Prepared & Analyzed: 04/04/2024					
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82-126		4.21	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		6.37	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		3.58	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.2		"	10.0		142	54-165		5.66	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		6.90	30	
1,1-Dichloroethane	9.61		"	10.0		96.1	82-129		6.44	30	
1,1-Dichloroethylene	11.2		"	10.0		112	68-138		7.51	30	
1,2,3-Trichlorobenzene	18.2		"	10.0		182	76-136	High Bias	28.3	30	
1,2,3-Trichloropropane	9.02		"	10.0		90.2	77-128		0.222	30	
1,2,4-Trichlorobenzene	13.3		"	10.0		133	76-137		13.0	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		2.99	30	
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147		43.9	30	Non-dir.
1,2-Dibromoethane	9.81		"	10.0		98.1	83-124		4.59	30	
1,2-Dichlorobenzene	9.76		"	10.0		97.6	79-123		4.29	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		5.03	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		5.36	30	
1,3,5-Trimethylbenzene	9.97		"	10.0		99.7	80-131		2.95	30	
1,3-Dichlorobenzene	9.48		"	10.0		94.8	86-122		4.09	30	
1,3-Dichloropropane	9.94		"	10.0		99.4	81-125		4.95	30	
1,4-Dichlorobenzene	9.30		"	10.0		93.0	85-124		3.72	30	
1,4-Dioxane	104		"	210		49.5	10-349		74.7	30	Non-dir.
2-Butanone	10.1		"	10.0		101	49-152		10.9	30	
2-Hexanone	10.7		"	10.0		107	51-146		6.27	30	
4-Methyl-2-pentanone	11.9		"	10.0		119	57-145		6.85	30	
Acetone	7.17		"	10.0		71.7	14-150		3.55	30	
Acrolein	5.19		"	10.0		51.9	10-153		3.73	30	
Acrylonitrile	11.2		"	10.0		112	51-150		6.18	30	
Benzene	9.93		"	10.0		99.3	85-126		5.80	30	
Bromochloromethane	9.67		"	10.0		96.7	77-128		4.12	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		5.35	30	
Bromoform	10.5		"	10.0		105	78-133		4.57	30	
Bromomethane	5.53		"	10.0		55.3	43-168		24.6	30	
Carbon disulfide	10.2		"	10.0		102	68-146		6.71	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		7.48	30	
Chlorobenzene	9.77		"	10.0		97.7	88-120		5.14	30	
Chloroethane	11.2		"	10.0		112	65-136		3.74	30	
Chloroform	9.42		"	10.0		94.2	82-128		5.90	30	
Chloromethane	11.1		"	10.0		111	43-155		5.36	30	
cis-1,2-Dichloroethylene	9.82		"	10.0		98.2	83-129		5.01	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		4.80	30	
Cyclohexane	13.6		"	10.0		136	63-149		7.24	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		6.21	30	
Dibromomethane	9.57		"	10.0		95.7	72-134		1.37	30	
Dichlorodifluoromethane	15.9		"	10.0		159	44-144	High Bias	6.36	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		5.71	30	
Hexachlorobutadiene	13.0		"	10.0		130	67-146		5.76	30	
Isopropylbenzene	9.75		"	10.0		97.5	76-140		2.70	30	
Methyl acetate	11.1		"	10.0		111	51-139		0.632	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		7.82	30	
Methylcyclohexane	12.8		"	10.0		128	72-143		5.21	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40376 - EPA 5030B

LCS Dup (BD40376-BSD1)

Prepared & Analyzed: 04/04/2024

Methylene chloride	9.80		ug/L	10.0		98.0	55-137		5.34	30
Naphthalene	18.6		"	10.0		186	70-147	High Bias	4.34	30
n-Butylbenzene	11.3		"	10.0		113	79-132		3.33	30
n-Propylbenzene	9.97		"	10.0		99.7	78-133		3.47	30
o-Xylene	9.87		"	10.0		98.7	78-130		4.88	30
p- & m- Xylenes	20.7		"	20.0		103	77-133		5.05	30
p-Diethylbenzene	10.3		"	10.0		103	84-134		4.18	30
p-Ethyltoluene	9.29		"	10.0		92.9	88-129		3.73	30
p-Isopropyltoluene	10.6		"	10.0		106	81-136		2.98	30
sec-Butylbenzene	10.4		"	10.0		104	79-137		3.62	30
Styrene	10.4		"	10.0		104	67-132		5.25	30
tert-Butyl alcohol (TBA)	50.0		"	50.0		99.9	25-162		0.482	30
tert-Butylbenzene	9.81		"	10.0		98.1	77-138		3.11	30
Tetrachloroethylene	5.05		"	10.0		50.5	82-131	Low Bias	6.12	30
Toluene	10.1		"	10.0		101	80-127		5.49	30
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		6.39	30
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		5.23	30
Trichloroethylene	9.49		"	10.0		94.9	82-128		5.63	30
Trichlorofluoromethane	14.2		"	10.0		142	67-139	High Bias	5.66	30
Vinyl Chloride	12.2		"	10.0		122	58-145		7.20	30
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130			
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.59		"	10.0		95.9	79-122			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24D0010-01	MW-5DR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-02	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-03	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-04	MW-10S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-05	MW-10D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-06	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-07	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-08	Dup	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0010-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

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

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



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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This 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.

YORK Project No.

24D0010

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

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	YOUR Project Name	YOUR POW#:	RUSH - Next Day	RUSH - Two Day
Leavitt Engineering	53 West Hill Rd	Leavitt Engineering	53 West Hill Rd	Leavitt Engineering	53 West Hill Rd	353 MUKISH SPUR	BROOKLYN, NEW YORK	RUSH - Three Day	RUSH - Four Day
Phone: 603-767-0022		Phone: 603-767-0022		Phone: 603-767-0022				Standard (5-7 Day)	Standard (7-10 for PFAS)
Contact: Scott Yarnall		Contact: Scott Yarnall		Contact: Scott Yarnall					
E-mail: l.yarnall@leavitteng.com		E-mail: l.yarnall@leavitteng.com		E-mail: l.yarnall@leavitteng.com					
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report			
		DW - drinking water		Connecticut		Standard Excel EDD			
		WW - wastewater		Pennsylvania		NJDEP Reduced Deliverables			
		O - Oil		Other:		NY ASP B Package			
						NJDEP SRP HazSite			
Sample Identification		Sample Matrix		Date/Time Sampled		Analyses Requested		Container Type No.	
MW SDR		GW		3/24		USEPA 824		B2 402	
MW-7									
MW-8									
MW-105									
MW-107									
MW-11									
MW-12									
DUP		GW							
Frio Blank		D-0414							
Comments:		Preservation: (check all that apply)		Special Instruction					
		HCl MeOH HNO3 H2SO4 NaOH		Field Filtered					
		ZnAc Ascorbic Acid Other:		Lab to Filter					
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APPENDIX B

Laboratory Analytical Report - Soil Vapor



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 04/10/2024

Client Project ID: 353 McKibbin Street, Brooklyn, NY

York Project (SDG) No.: 24D0022

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



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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 04/10/2024
Client Project ID: 353 McKibbin Street, Brooklyn, NY
York Project (SDG) No.: 24D0022

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 April 01, 2024 and listed below. The project was identified as your project: **353 McKibbin Street, Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

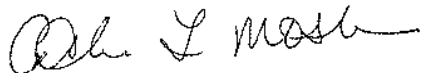
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24D0022-01	SG-SR	Vapor Extraction	03/29/2024	04/01/2024
24D0022-02	SV-9	Vapor Extraction	03/29/2024	04/01/2024
24D0022-03	SV-4	Vapor Extraction	03/29/2024	04/01/2024
24D0022-04	SG-7R	Vapor Extraction	03/29/2024	04/01/2024
24D0022-05	SG-6R	Vapor Extraction	03/29/2024	04/01/2024
24D0022-06	SG-8	Vapor Extraction	03/29/2024	04/01/2024

General Notes for York Project (SDG) No.: 24D0022

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 04/10/2024





Sample Information

Client Sample ID: SG-SR

York Sample ID: 24D0022-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	0.340		ug/m ³	0.340	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications:										

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	1.0	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications:										
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.79	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.0	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.79	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.59	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.14	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC	ug/m ³	1.1	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
95-63-6	1,2,4-Trimethylbenzene	7.1		ug/m ³	0.71	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.87	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.59	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.67	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.0	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
108-67-8	1,3,5-Trimethylbenzene	1.6		ug/m ³	0.71	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
106-99-0	1,3-Butadiene	ND		ug/m ³	0.96	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.87	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.67	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications:										
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.87	1.454	EPA TO-15	04/08/2024 10:00	04/09/2024 07:59	VH
Certifications: NELAC-NY12058,NJDEP-NY037										



Sample Information

Client Sample ID: SG-SR

York Sample ID: 24D0022-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

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
123-91-1	1,4-Dioxane	ND		ug/m ³	1.0	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
78-93-3	2-Butanone	1.2		ug/m ³	0.43	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
591-78-6	* 2-Hexanone	ND		ug/m ³	1.2	1.454	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 07:59	VH
107-05-1	3-Chloropropene	ND		ug/m ³	2.3	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.60	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
67-64-1	Acetone	15		ug/m ³	0.69	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.32	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
71-43-2	Benzene	ND		ug/m ³	0.46	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
100-44-7	Benzyl chloride	ND		ug/m ³	0.75	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	0.97	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-25-2	Bromoform	ND		ug/m ³	1.5	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
74-83-9	Bromomethane	ND		ug/m ³	0.56	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-15-0	Carbon disulfide	0.54		ug/m ³	0.45	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.23	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.67	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-00-3	Chloroethane	ND		ug/m ³	0.38	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
67-66-3	Chloroform	5.5		ug/m ³	0.71	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
74-87-3	Chloromethane	ND		ug/m ³	0.30	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.14	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.66	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.50	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	1.2	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.72	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH



Sample Information

Client Sample ID: SG-SR

York Sample ID: 24D0022-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

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	1.0	1.454	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 07:59	VH
100-41-4	Ethyl Benzene	2.3		ug/m ³	0.63	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.6	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
67-63-0	Isopropanol	1.8		ug/m ³	0.71	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.60	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.52	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-09-2	Methylene chloride	ND		ug/m ³	1.0	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m ³	1.5	1.454	EPA TO-15 Certifications: NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
142-82-5	n-Heptane	1.3		ug/m ³	0.60	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
110-54-3	n-Hexane	0.77		ug/m ³	0.51	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
95-47-6	o-Xylene	3.8		ug/m ³	0.63	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
179601-23-1	p- & m- Xylenes	9.5		ug/m ³	1.3	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
622-96-8	* p-Ethyltoluene	5.4		ug/m ³	0.71	1.454	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 07:59	VH
115-07-1	* Propylene	0.53		ug/m ³	0.25	1.454	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 07:59	VH
100-42-5	Styrene	ND		ug/m ³	0.62	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
127-18-4	Tetrachloroethylene	2.2		ug/m ³	0.99	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.86	1.454	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 07:59	VH
108-88-3	Toluene	4.3		ug/m ³	0.55	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.58	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.66	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
79-01-6	Trichloroethylene	2.9		ug/m ³	0.20	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.82	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH



Sample Information

Client Sample ID: SG-SR

York Sample ID: 24D0022-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m ³	0.51	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.64	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.19	1.454	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 07:59	VH

Sample Information

Client Sample ID: SV-9

York Sample ID: 24D0022-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	0.409	1.752	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 08:52	VH

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	1.752	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 08:52	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.96	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.96	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.71	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.17	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m ³	1.3	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.86	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH



Sample Information

Client Sample ID: SV-9

York Sample ID: 24D0022-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

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
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.71	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.81	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.86	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	1.2	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.81	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
78-93-3	2-Butanone	1.6		ug/m ³	0.52	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
108-10-1	4-Methyl-2-pentanone	0.79		ug/m ³	0.72	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
67-64-1	Acetone	38		ug/m ³	0.83	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.38	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
71-43-2	Benzene	0.73		ug/m ³	0.56	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
100-44-7	Benzyl chloride	ND		ug/m ³	0.91	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-25-2	Bromoform	ND		ug/m ³	1.8	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
74-83-9	Bromomethane	ND		ug/m ³	0.68	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.55	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
56-23-5	Carbon tetrachloride	0.33		ug/m ³	0.28	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH



Sample Information

Client Sample ID: SV-9

York Sample ID: 24D0022-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

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
108-90-7	Chlorobenzene	ND		ug/m ³	0.81	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-00-3	Chloroethane	ND		ug/m ³	0.46	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
67-66-3	Chloroform	ND		ug/m ³	0.86	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
74-87-3	Chloromethane	1.3		ug/m ³	0.36	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.17	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.60	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.87	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.752	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 08:52	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	0.76	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
67-63-0	Isopropanol	1.9		ug/m ³	0.86	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.72	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.63	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-09-2	Methylene chloride	ND		ug/m ³	1.2	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m ³	1.8	1.752	EPA TO-15 Certifications: NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
142-82-5	n-Heptane	ND		ug/m ³	0.72	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
110-54-3	n-Hexane	0.62		ug/m ³	0.62	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
95-47-6	o-Xylene	ND		ug/m ³	0.76	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
179601-23-1	p- & m- Xylenes	2.5		ug/m ³	1.5	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.86	1.752	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 08:52	VH
115-07-1	* Propylene	1.5		ug/m ³	0.30	1.752	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 08:52	VH



Sample Information

Client Sample ID: SV-9

York Sample ID: 24D0022-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:00 am

04/01/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m ³	0.75	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.2	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.752	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 08:52	VH
108-88-3	Toluene	1.8		ug/m ³	0.66	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.69	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
79-01-6	Trichloroethylene	ND		ug/m ³	0.24	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.98	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
108-05-4	Vinyl acetate	ND		ug/m ³	0.62	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.77	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.22	1.752	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 08:52	VH

Sample Information

Client Sample ID: SV-4

York Sample ID: 24D0022-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:15 am

04/01/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	0.356		ug/m ³	0.356	1.523	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 09:46	VH

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	1.0	1.523	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 09:46	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.83	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH



Sample Information

Client Sample ID: SV-4

York Sample ID: 24D0022-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:15 am

04/01/2024

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.0	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.83	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.62	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m ³	1.1	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
95-63-6	1,2,4-Trimethylbenzene	1.9		ug/m ³	0.75	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.92	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.62	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.70	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.75	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	1.0	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.92	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.70	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
106-46-7	1,4-Dichlorobenzene	1.1		ug/m ³	0.92	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
78-93-3	2-Butanone	1.5		ug/m ³	0.45	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
591-78-6	* 2-Hexanone	ND		ug/m ³	1.2	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
107-05-1	3-Chloropropene	ND		ug/m ³	2.4	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
108-10-1	4-Methyl-2-pentanone	0.81		ug/m ³	0.62	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
67-64-1	Acetone	13		ug/m ³	0.72	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH



Sample Information

Client Sample ID: SV-4

York Sample ID: 24D0022-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:15 am

04/01/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/m ³	0.33	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
71-43-2	Benzene	0.88		ug/m ³	0.49	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
100-44-7	Benzyl chloride	ND		ug/m ³	0.79	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-25-2	Bromoform	ND		ug/m ³	1.6	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
74-83-9	Bromomethane	ND		ug/m ³	0.59	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.47	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
56-23-5	Carbon tetrachloride	0.29		ug/m ³	0.24	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.70	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-00-3	Chloroethane	ND		ug/m ³	0.40	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
67-66-3	Chloroform	ND		ug/m ³	0.74	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
74-87-3	Chloromethane	1.4		ug/m ³	0.31	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.69	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.52	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.75	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
141-78-6	* Ethyl acetate	1.1		ug/m ³	1.1	1.523	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 09:46	VH
100-41-4	Ethyl Benzene	1.1		ug/m ³	0.66	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.6	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
67-63-0	Isopropanol	8.5		ug/m ³	0.75	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.62	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.55	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH



Sample Information

Client Sample ID: SV-4

York Sample ID: 24D0022-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:15 am

04/01/2024

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
75-09-2	Methylene chloride	1.2		ug/m ³	1.1	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m ³	1.6	1.523	EPA TO-15 Certifications: NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
142-82-5	n-Heptane	ND		ug/m ³	0.62	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
110-54-3	n-Hexane	0.59		ug/m ³	0.54	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
95-47-6	o-Xylene	1.5		ug/m ³	0.66	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
179601-23-1	p- & m- Xylenes	4.6		ug/m ³	1.3	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
622-96-8	* p-Ethyltoluene	1.5		ug/m ³	0.75	1.523	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 09:46	VH
115-07-1	* Propylene	1.5		ug/m ³	0.26	1.523	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 09:46	VH
100-42-5	Styrene	ND		ug/m ³	0.65	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.0	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.90	1.523	EPA TO-15 Certifications:	04/08/2024 10:00	04/09/2024 09:46	VH
108-88-3	Toluene	2.6		ug/m ³	0.57	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.60	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.69	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
79-01-6	Trichloroethylene	0.25		ug/m ³	0.20	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.86	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
108-05-4	Vinyl acetate	ND		ug/m ³	0.54	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.67	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.19	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 09:46	VH



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24D0022-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:20 am

04/01/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	3.64	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH

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	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.3	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m ³	12	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.7	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.3	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.2	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.7	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.2	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24D0022-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:20 am

04/01/2024

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	190		ug/m ³	4.6	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
591-78-6	* 2-Hexanone	20		ug/m ³	13	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
67-64-1	Acetone	5500		ug/m ³	40	83.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/09/2024 10:38	VH
107-13-1	Acrylonitrile	4.1		ug/m ³	3.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
71-43-2	Benzene	ND		ug/m ³	5.0	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
100-44-7	Benzyl chloride	ND		ug/m ³	8.1	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-25-2	Bromoform	ND		ug/m ³	16	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
74-83-9	Bromomethane	ND		ug/m ³	6.1	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-15-0	Carbon disulfide	ND		ug/m ³	4.9	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
108-90-7	Chlorobenzene	ND		ug/m ³	7.2	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-00-3	Chloroethane	ND		ug/m ³	4.1	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
67-66-3	Chloroform	ND		ug/m ³	7.6	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.1	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
110-82-7	Cyclohexane	ND		ug/m ³	5.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.7	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24D0022-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:20 am

04/01/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m ³	6.8	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
67-63-0	Isopropanol	81		ug/m ³	7.7	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.6	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-09-2	Methylene chloride	ND		ug/m ³	11	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m ³	16	15.6	EPA TO-15 Certifications: NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
142-82-5	n-Heptane	ND		ug/m ³	6.4	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
110-54-3	n-Hexane	ND		ug/m ³	5.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
95-47-6	o-Xylene	ND		ug/m ³	6.8	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.7	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH
115-07-1	* Propylene	190		ug/m ³	2.7	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH
100-42-5	Styrene	ND		ug/m ³	6.6	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
127-18-4	Tetrachloroethylene	ND		ug/m ³	11	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.2	15.6	EPA TO-15 Certifications:	04/08/2024 10:00	04/08/2024 19:48	VH
108-88-3	Toluene	ND		ug/m ³	5.9	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.2	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.1	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
79-01-6	Trichloroethylene	ND		ug/m ³	2.1	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.8	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
108-05-4	Vinyl acetate	ND		ug/m ³	5.5	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH
593-60-2	Vinyl bromide	ND		ug/m ³	6.8	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24D0022-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 11:20 am

04/01/2024

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
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 10:00	04/08/2024 19:48	VH

Sample Information

Client Sample ID: SG-6R

York Sample ID: 24D0022-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 1:20 pm

04/01/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	0.345	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH

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	1.0	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.81	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.0	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.81	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.15	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.89	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH



Sample Information

Client Sample ID: SG-6R

York Sample ID: 24D0022-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 1:20 pm

04/01/2024

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
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.68	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.0	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	0.98	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.89	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.68	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.89	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
78-93-3	2-Butanone	1.7		ug/m ³	0.44	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
591-78-6	* 2-Hexanone	ND		ug/m ³	1.2	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH
107-05-1	3-Chloropropene	ND		ug/m ³	2.3	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
67-64-1	Acetone	37		ug/m ³	0.70	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.32	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
71-43-2	Benzene	ND		ug/m ³	0.47	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
100-44-7	Benzyl chloride	ND		ug/m ³	0.76	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	0.99	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-25-2	Bromoform	ND		ug/m ³	1.5	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
74-83-9	Bromomethane	ND		ug/m ³	0.57	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.46	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
56-23-5	Carbon tetrachloride	0.28		ug/m ³	0.23	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.68	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-00-3	Chloroethane	ND		ug/m ³	0.39	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH



Sample Information

Client Sample ID: SG-6R

York Sample ID: 24D0022-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 1:20 pm

04/01/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m ³	0.72	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
74-87-3	Chloromethane	1.7		ug/m ³	0.30	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.15	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.67	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.51	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	1.1	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	0.64	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.6	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
67-63-0	Isopropanol	1.3		ug/m ³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.53	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
75-09-2	Methylene chloride	ND		ug/m ³	1.0	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
91-20-3	* Naphthalene	ND		ug/m ³	1.5	1.476	EPA TO-15 Certifications: NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
142-82-5	n-Heptane	ND		ug/m ³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
110-54-3	n-Hexane	ND		ug/m ³	0.52	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
95-47-6	o-Xylene	ND		ug/m ³	0.64	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.3	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.73	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH
115-07-1	* Propylene	1.0		ug/m ³	0.25	1.476	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 16:01	VH
100-42-5	Styrene	ND		ug/m ³	0.63	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.0	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 16:01	VH



Sample Information

<u>Client Sample ID:</u>		SG-6R	<u>York Sample ID:</u>		24D0022-05
<u>York Project (SDG) No.</u>		<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24D0022		353 McKibbin Street, Brooklyn, NY	Vapor Extraction	March 29, 2024 1:20 pm	04/01/2024

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
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.87	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:			
108-88-3	Toluene	4.3		ug/m³	0.56	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m³	0.83	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.52	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.476	EPA TO-15	04/08/2024 12:00	04/09/2024 16:01	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

<u>Client Sample ID:</u> SG-8		<u>York Sample ID:</u> 24D0022-06		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24D0022	353 McKibbin Street, Brooklyn, NY	Vapor Extraction	March 29, 2024 1:30 pm	04/01/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.376	1.609	EPA TO-15	04/08/2024 12:00	04/09/2024 18:05	VH
							Certifications:			

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.609	EPA TO-15	04/08/2024 12:00	04/09/2024 18:05	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.88	1.609	EPA TO-15	04/08/2024 12:00	04/09/2024 18:05	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.609	EPA TO-15	04/08/2024 12:00	04/09/2024 18:05	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.609	EPA TO-15	04/08/2024 12:00	04/09/2024 18:05	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		



Sample Information

Client Sample ID: SG-8

York Sample ID: 24D0022-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 1:30 pm

04/01/2024

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.88	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.65	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.79	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.97	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.65	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.74	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.79	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.97	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.74	1.609	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 18:05	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.97	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
78-93-3	2-Butanone	4.8		ug/m ³	0.47	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.609	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 18:05	VH
107-05-1	3-Chloropropene	ND		ug/m ³	2.5	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.66	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
67-64-1	Acetone	22		ug/m ³	0.76	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.35	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
71-43-2	Benzene	ND		ug/m ³	0.51	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH



Sample Information

Client Sample ID: SG-8

York Sample ID: 24D0022-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 1:30 pm

04/01/2024

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
100-44-7	Benzyl chloride	ND		ug/m ³	0.83	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-25-2	Bromoform	ND		ug/m ³	1.7	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
74-83-9	Bromomethane	ND		ug/m ³	0.62	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.50	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.25	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.74	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-00-3	Chloroethane	ND		ug/m ³	0.42	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
67-66-3	Chloroform	ND		ug/m ³	0.79	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
74-87-3	Chloromethane	1.7		ug/m ³	0.33	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.16	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.73	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.55	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.80	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.609	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 18:05	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	0.70	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.7	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
67-63-0	Isopropanol	1.3		ug/m ³	0.79	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.66	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.58	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-09-2	Methylene chloride	ND		ug/m ³	1.1	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
91-20-3	* Naphthalene	ND		ug/m ³	1.7	1.609	EPA TO-15 Certifications: NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH



Sample Information

Client Sample ID: SG-8

York Sample ID: 24D0022-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D0022

353 McKibbin Street, Brooklyn, NY

Vapor Extraction

March 29, 2024 1:30 pm

04/01/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m ³	0.66	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
110-54-3	n-Hexane	ND		ug/m ³	0.57	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
95-47-6	o-Xylene	ND		ug/m ³	0.70	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.4	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.79	1.609	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 18:05	VH
115-07-1	* Propylene	1.1		ug/m ³	0.28	1.609	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 18:05	VH
100-42-5	Styrene	ND		ug/m ³	0.69	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.1	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.95	1.609	EPA TO-15 Certifications:	04/08/2024 12:00	04/09/2024 18:05	VH
108-88-3	Toluene	3.3		ug/m ³	0.61	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.64	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.73	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
79-01-6	Trichloroethylene	ND		ug/m ³	0.22	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.90	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
108-05-4	Vinyl acetate	ND		ug/m ³	0.57	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.70	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.21	1.609	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2024 12:00	04/09/2024 18:05	VH



Analytical Batch Summary

Batch ID: BD40717 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24D0022-01	SG-SR	04/08/24
24D0022-02	SV-9	04/08/24
24D0022-03	SV-4	04/08/24
24D0022-04	SG-7R	04/08/24
24D0022-04RE1	SG-7R	04/08/24
BD40717-BLK1	Blank	04/08/24
BD40717-BS1	LCS	04/08/24

Batch ID: BD40719 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24D0022-01	SG-SR	04/08/24
24D0022-02	SV-9	04/08/24
24D0022-03	SV-4	04/08/24
24D0022-04	SG-7R	04/08/24
BD40719-BLK1	Blank	04/08/24
BD40719-BS1	LCS	04/08/24

Batch ID: BD40746 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24D0022-05	SG-6R	04/08/24
24D0022-06	SG-8	04/08/24
BD40746-BLK1	Blank	04/08/24
BD40746-BS1	LCS	04/08/24

Batch ID: BD40747 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24D0022-05	SG-6R	04/08/24
24D0022-06	SG-8	04/08/24
BD40747-BLK1	Blank	04/08/24
BD40747-BS1	LCS	04/08/24



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

Batch BD40717 - EPA TO15 PREP

Blank (BD40717-BLK1)

Prepared & Analyzed: 04/08/2024

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



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40717 - EPA TO15 PREP

Blank (BD40717-BLK1)

Prepared & Analyzed: 04/08/2024

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

LCS (BD40717-BS1)

Prepared & Analyzed: 04/08/2024

1,1,1,2-Tetrachloroethane	9.35	ppbv	10.0	93.5	70-130	
1,1,1-Trichloroethane	8.99	"	10.0	89.9	70-130	
1,1,2,2-Tetrachloroethane	9.23	"	10.0	92.3	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	"	10.0	102	70-130	
1,1,2-Trichloroethane	8.43	"	10.0	84.3	70-130	
1,1-Dichloroethane	9.04	"	10.0	90.4	70-130	
1,1-Dichloroethylene	8.42	"	10.0	84.2	70-130	
1,2,4-Trichlorobenzene	5.62	"	10.0	56.2	70-130	Low Bias
1,2,4-Trimethylbenzene	9.36	"	10.0	93.6	70-130	
1,2-Dibromoethane	8.41	"	10.0	84.1	70-130	
1,2-Dichlorobenzene	10.9	"	10.0	109	70-130	
1,2-Dichloroethane	7.85	"	10.0	78.5	70-130	
1,2-Dichloropropane	7.82	"	10.0	78.2	70-130	
1,2-Dichlorotetrafluoroethane	8.77	"	10.0	87.7	70-130	
1,3,5-Trimethylbenzene	9.25	"	10.0	92.5	70-130	
1,3-Butadiene	8.15	"	10.0	81.5	70-130	
1,3-Dichlorobenzene	8.39	"	10.0	83.9	70-130	
1,3-Dichloropropane	7.74	"	10.0	77.4	70-130	
1,4-Dichlorobenzene	8.24	"	10.0	82.4	70-130	
1,4-Dioxane	8.19	"	10.0	81.9	70-130	
2-Butanone	8.15	"	10.0	81.5	70-130	
2-Hexanone	7.43	"	10.0	74.3	70-130	
3-Chloropropene	8.54	"	10.0	85.4	70-130	
4-Methyl-2-pentanone	7.32	"	10.0	73.2	70-130	
Acetone	7.15	"	10.0	71.5	70-130	
Acrylonitrile	9.63	"	10.0	96.3	70-130	
Benzene	9.44	"	10.0	94.4	70-130	
Benzyl chloride	8.27	"	10.0	82.7	70-130	
Bromodichloromethane	7.82	"	10.0	78.2	70-130	
Bromoform	10.6	"	10.0	106	70-130	
Bromomethane	10.2	"	10.0	102	70-130	



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40717 - EPA TO15 PREP

LCS (BD40717-BS1)

Prepared & Analyzed: 04/08/2024

Carbon disulfide	10.3		ppbv	10.0		103	70-130				
Carbon tetrachloride	9.44		"	10.0		94.4	70-130				
Chlorobenzene	8.95		"	10.0		89.5	70-130				
Chloroethane	9.75		"	10.0		97.5	70-130				
Chloroform	9.43		"	10.0		94.3	70-130				
Chloromethane	8.51		"	10.0		85.1	70-130				
cis-1,2-Dichloroethylene	7.59		"	10.0		75.9	70-130				
cis-1,3-Dichloropropylene	7.74		"	10.0		77.4	70-130				
Cyclohexane	8.69		"	10.0		86.9	70-130				
Dibromochloromethane	8.97		"	10.0		89.7	70-130				
Dichlorodifluoromethane	8.81		"	10.0		88.1	70-130				
Ethyl acetate	8.29		"	10.0		82.9	70-130				
Ethyl Benzene	8.92		"	10.0		89.2	70-130				
Hexachlorobutadiene	11.7		"	10.0		117	70-130				
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	7.97		"	10.0		79.7	70-130				
Methyl tert-butyl ether (MTBE)	8.91		"	10.0		89.1	70-130				
Methylene chloride	8.97		"	10.0		89.7	70-130				
Naphthalene	6.44		"	10.0		64.4	70-130	Low Bias			
n-Heptane	8.86		"	10.0		88.6	70-130				
n-Hexane	8.97		"	10.0		89.7	70-130				
o-Xylene	9.29		"	10.0		92.9	70-130				
p- & m- Xylenes	18.8		"	20.0		94.2	70-130				
p-Ethyltoluene	9.65		"	10.0		96.5	70-130				
Propylene	9.07		"	10.0		90.7	70-130				
Styrene	9.85		"	10.0		98.5	70-130				
Tetrachloroethylene	9.04		"	10.0		90.4	70-130				
Tetrahydrofuran	8.50		"	10.0		85.0	70-130				
Toluene	7.94		"	10.0		79.4	70-130				
trans-1,2-Dichloroethylene	8.93		"	10.0		89.3	70-130				
trans-1,3-Dichloropropylene	7.35		"	10.0		73.5	70-130				
Trichloroethylene	7.98		"	10.0		79.8	70-130				
Trichlorofluoromethane (Freon 11)	9.28		"	10.0		92.8	70-130				
Vinyl acetate	8.11		"	10.0		81.1	70-130				
Vinyl bromide	10.6		"	10.0		106	70-130				
Vinyl Chloride	8.73		"	10.0		87.3	70-130				



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40719 - EPA TO15 PREP

Blank (BD40719-BLK1)

Prepared & Analyzed: 04/08/2024

2,2,4-Trimethylpentane ND 0.234 ug/m³

LCS (BD40719-BS1)

Prepared & Analyzed: 04/08/2024

2,2,4-Trimethylpentane 37.4 0.234 ug/m³ 70-130

Batch BD40746 - EPA TO15 PREP

Blank (BD40746-BLK1)

Prepared: 04/08/2024 Analyzed: 04/09/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	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	"



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40746 - EPA TO15 PREP

Blank (BD40746-BLK1)

Prepared: 04/08/2024 Analyzed: 04/09/2024

Ethyl Benzene	ND	0.43	ug/m ³
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
Naphthalene	ND	1.0	"
n-Heptane	ND	0.41	"
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 (BD40746-BS1)

Prepared: 04/08/2024 Analyzed: 04/09/2024

1,1,1,2-Tetrachloroethane	9.48		ppbv	10.0	94.8	70-130
1,1,1-Trichloroethane	9.68		"	10.0	96.8	70-130
1,1,2,2-Tetrachloroethane	11.7		"	10.0	117	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.85		"	10.0	88.5	70-130
1,1,2-Trichloroethane	10.9		"	10.0	109	70-130
1,1-Dichloroethane	9.92		"	10.0	99.2	70-130
1,1-Dichloroethylene	9.30		"	10.0	93.0	70-130
1,2,4-Trichlorobenzene	12.8		"	10.0	128	70-130
1,2,4-Trimethylbenzene	12.2		"	10.0	122	70-130
1,2-Dibromoethane	11.8		"	10.0	118	70-130
1,2-Dichlorobenzene	12.0		"	10.0	120	70-130
1,2-Dichloroethane	10.4		"	10.0	104	70-130
1,2-Dichloropropane	10.3		"	10.0	103	70-130
1,2-Dichlorotetrafluoroethane	10.4		"	10.0	104	70-130
1,3,5-Trimethylbenzene	11.1		"	10.0	111	70-130
1,3-Butadiene	9.47		"	10.0	94.7	70-130
1,3-Dichlorobenzene	12.3		"	10.0	123	70-130
1,3-Dichloropropane	11.1		"	10.0	111	70-130
1,4-Dichlorobenzene	12.2		"	10.0	122	70-130
1,4-Dioxane	10.7		"	10.0	107	70-130
2-Butanone	10.2		"	10.0	102	70-130
2-Hexanone	12.3		"	10.0	123	70-130
3-Chloropropene	8.97		"	10.0	89.7	70-130
4-Methyl-2-pentanone	11.6		"	10.0	116	70-130
Acetone	8.72		"	10.0	87.2	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

Batch BD40746 - EPA TO15 PREP

LCS (BD40746-BS1)

Prepared: 04/08/2024 Analyzed: 04/09/2024

Acrylonitrile	9.80		ppbv	10.0		98.0	70-130				
Benzene	9.03		"	10.0		90.3	70-130				
Benzyl chloride	13.3		"	10.0		133	70-130	High Bias			
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	11.5		"	10.0		115	70-130				
Bromomethane	8.79		"	10.0		87.9	70-130				
Carbon disulfide	9.43		"	10.0		94.3	70-130				
Carbon tetrachloride	7.55		"	10.0		75.5	70-130				
Chlorobenzene	9.74		"	10.0		97.4	70-130				
Chloroethane	8.38		"	10.0		83.8	70-130				
Chloroform	9.96		"	10.0		99.6	70-130				
Chloromethane	10.7		"	10.0		107	70-130				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Cyclohexane	9.38		"	10.0		93.8	70-130				
Dibromochloromethane	10.6		"	10.0		106	70-130				
Dichlorodifluoromethane	9.73		"	10.0		97.3	70-130				
Ethyl acetate	9.81		"	10.0		98.1	70-130				
Ethyl Benzene	10.3		"	10.0		103	70-130				
Hexachlorobutadiene	10.7		"	10.0		107	70-130				
Isopropanol	9.79		"	10.0		97.9	70-130				
Methyl Methacrylate	11.4		"	10.0		114	70-130				
Methyl tert-butyl ether (MTBE)	9.38		"	10.0		93.8	70-130				
Methylene chloride	8.89		"	10.0		88.9	70-130				
Naphthalene	12.2		"	10.0		122	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	9.02		"	10.0		90.2	70-130				
o-Xylene	10.8		"	10.0		108	70-130				
p- & m- Xylenes	21.1		"	20.0		105	70-130				
p-Ethyltoluene	13.0		"	10.0		130	70-130				
Propylene	8.41		"	10.0		84.1	70-130				
Styrene	11.2		"	10.0		112	70-130				
Tetrachloroethylene	10.6		"	10.0		106	70-130				
Tetrahydrofuran	10.0		"	10.0		100	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	9.87		"	10.0		98.7	70-130				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Trichloroethylene	10.2		"	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	9.74		"	10.0		97.4	70-130				
Vinyl acetate	8.04		"	10.0		80.4	70-130				
Vinyl bromide	9.25		"	10.0		92.5	70-130				
Vinyl Chloride	11.3		"	10.0		113	70-130				



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BD40747 - EPA TO15 PREP

Blank (BD40747-BLK1)

Prepared: 04/08/2024 Analyzed: 04/09/2024

2,2,4-Trimethylpentane ND 0.234 ug/m³

LCS (BD40747-BS1)

Prepared: 04/08/2024 Analyzed: 04/09/2024

2,2,4-Trimethylpentane 46.5 0.234 ug/m³ 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.

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.
240022

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

Your

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Carol E. Connerly	Company:		Company:		A22-116 - MC		RUSH - Next Day	
Address:	53 West Hills Rd.	Address:		Address:		353 McKibbin Street,		RUSH - Two Day	
Phone:	(631) 673-0612	Phone:		Phone:		Brooklyn, NY		RUSH - Three Day	
Contact:	Scott Yanuch	Contact:		Contact:		YOUR POC:		RUSH - Four Day	
E-mail:	Lab.csu115@lauriden.v.com	E-mail:		E-mail:				Standard (5-7 Day)	

Air Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
AI - Indoor Ambient Air	New York	☒ Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please list)		
AO - Outdoor Amb. Air	New Jersey	☐ QA Report	CT RCP DQ/DUE	EQUS (Standard)			
AE - Vapor Extraction Well	Connecticut	☐ NY ASP A Package	NUDEP Reduced Deliv.	NYSEDEC EQUS			
AS - Soil Vapor/Sub-Slab	Pennsylvania	☐ NY ASP B Package	NUDEP	NUDEP SRP HazSite			
	Other:	☐ Other:					

Certified Canisters: Batch		Individual		Please enter the following REQUIRED Field Data				Reporting Units: ug/m ³ ppbv ppmv	
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested		
SG-5R	3/29/24 11:10	AE	-30	-30	34493	12193	T6-15		
SV-4	3/29/24 11:00		-30	-30	24104	7601			
SV-4	3/29/24 11:15		-30	-30	24121	14397			
SG-7K	3/29/24 11:20		-30	-30	44474	6880			
SG-6R	3/29/24 13:20		-30	-30	42991	6863			
SG-8	3/29/24 13:30		-30	-30	41937	11421			

Comments:		Detection Limits Required		Sampling Media	
Extra air canister to be added up (ID: 37000)		s 1 ug/m ³ Routine Survey	NYSEDEC V1 Limits	6 Liter Canister	
			Other	Tedlar Bag	
Samples Retained by / Company		Samples Retained by / Company		Date/Time	
Josh Yanuch Yorklab		4-1-24 11:30 AM		4/1/24 16:55	
Samples Received by / Company		Samples Received by / Company		Date/Time	
Josh Yanuch Yorklab		4/1/24 16:55		4/1/24 12:05	
Samples Retained by / Company		Samples Retained by / Company		Date/Time	
Josh Yanuch Yorklab		4/1/24 16:55		4/1/24 16:55	

APPENDIX C

Soil Vapor Extraction System Field Measurements

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: March 29, 2024

SVE Blower 1 19161.3 Hours

SVE Blower 2 19245.1 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	19	0.4
1B	12	0.1
2A	21	0.1
2B	15	0.1
3A	10	0.3
3B	17	0.3
4A	N/A	N/A
4B	N/A	N/A
Effluent		

Note: N/A – System leg is not operational.



ADVANCED SITE RESTORATION

ENVIRONMENTAL GEOSCIENCES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

August 1, 2024

Ms. Jennifer Gonzalez
New York State Department of Environmental Conservation – Region 2
47-40 21st Street, Long Island City, NY 11206

Re: Quarterly Site Report (Q3 2023-24) for 353 McKibbin Street, Brooklyn, NY 11206
NYSDEC Site # BCP C224102 – **ASR** Project# A22-116

Dear Ms. Gonzalez,

Advanced Site Restoration Environmental Geosciences (“ASR”), a division of **Laurel Environmental Geosciences, DPC. (“Laurel”)**, is pleased to submit this quarterly site report (“QSR”) documenting required quarterly on-site groundwater monitoring well sampling, soil vapor sampling, and assessment of the on-site remedial systems at the property located at 353 McKibbin Street, New York, NY (“Site”). This reporting period includes April, May, and June 2024. The location of the Site is shown on the Site Location Map as Figure 1.0. The purpose of this report is to provide a summary of quarterly groundwater and soil vapor monitoring results, and an assessment of the on-site remediation systems, as required by the New York State Department of Environmental Conservation (“NYSDEC”) under the Brownfields Cleanup Program (“BCP”) with respect to Site #BCP C224102.

Site Background

A total of seven (7) groundwater monitoring wells and six (6) soil vapor monitoring points are present at the Site to monitor on-site concentrations of volatile organic compounds (“VOCs”) and the effectiveness of engineering controls, including the on-site soil vapor extraction (“SVE”) system. The 2007 Remedial Investigation identified elevated concentrations of VOCs including tetrachloroethylene (“PCE”) trichloroethylene (“TCE”) and various non-chlorinated petroleum compounds in soil, soil vapor, and groundwater. Remediation of the Site took place between June 2010 and June 2011, and a BCP Certificate of Completion was issued in December 2011. The locations of all monitoring wells and soil vapor monitoring points are shown on Figure 2.0.

The groundwater monitoring well MW-7 was destroyed during replacement of the sidewalk along Boerum Street. The soil vapor monitoring point SG-5R was also damaged during sidewalk replacement. The vapor monitoring point SV-9 was also observed to have been damaged. Replacement of the well and vapor monitoring points took place in January 2024, and sampling of the replacement well and vapor monitoring points resumed in March 2024.

“One Call Does it All”

53 WEST HILLS ROAD • HUNTINGTON STATION • NEW YORK 11746
TEL: 631•673•0612 FAX: 631•427•5323
www.askasr.com

Groundwater Contour Map

Prior to purging, each monitoring well was gauged for the presence of free product, and depths to water were recorded. No product was encountered in any of the on-site monitoring wells. Depth to water readings were combined with an existing survey to calculate groundwater elevations and to construct a groundwater contour map for showing localized groundwater flow at the Site. Groundwater elevation calculations shown in Table I of this report. Groundwater was determined to be flowing towards the east at the Site. The resultant groundwater contour map is shown on Figure 3.0.

Groundwater Sampling Procedure

Prior to sampling, each monitoring well was purged a minimum of three (3) casing volumes of water using low-flow sampling techniques. Upon completion of purging, groundwater quality data was collected utilizing an YSI 600 XL MP Sonde Multiparameter water quality meter and a Hanna® turbidity meter or similar instruments. Three (3) rounds of groundwater quality readings were taken at five-minute intervals from each well. The readings were recorded and evaluated to confirm that the groundwater conditions had stabilized and that a representative groundwater sample was being obtained. Groundwater samples were collected from each accessible monitoring well utilizing low-flow sampling techniques. The groundwater samples were collected in appropriate laboratory-supplied containers, were stored on ice, and transported via laboratory courier, under chain-of-custody procedures, to York Laboratories Inc. in Stratford Connecticut, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID No. 10854), under chain of custody (COC) procedures. Disposable sampling materials were double bagged and disposed of as municipal waste, and purge water was returned to the monitoring well from which it was produced. Groundwater quality readings for each monitoring well are included in Table II of this report.

Groundwater Analytical Results

The groundwater samples were analyzed for the presence of VOCs by United States Environmental Protection Agency (“USEPA”) Method 8260. Laboratory analytical results are summarized in Table III of this report, and the laboratory data package is attached to this report as Appendix A.

Groundwater analytical results were compared against the NYSDEC Technical and Operational Guidance Series (“TOGS”) Standards and Guidance Values for Class GA groundwater. VOCs were detected above the NYSDEC TOGS Standards and Guidance Values for Class GA groundwater in groundwater monitoring well MW-10SR, and MW-11. Trichloroethylene was detected in exceedance of TOGS Standards in both MW10-SR and MW-10DR. Tetrachloroethylene was detected at concentrations in exceedance of TOGS Standards in MW-

10SR. Cis-1,2 dichloroethylene and trans-1,2 Dichloroethylene was detected at a concentration in exceedance of TOGS Standards in MW-11.

Groundwater Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each monitoring well are shown in Table IV of this report.

The monitoring wells continue to contain concentrations of VOCs above NYSDEC TOGS for Class GA Groundwater. Concentrations appear to either be stable or variably increasing or decreasing, depending on the monitoring well and compound.

Soil Vapor Sampling Procedure

A laboratory certified six-liter Summa canister with associated flow controller are used to collect soil vapor samples from each of the six monitoring points. The samples were collected across two hours, at a rate of three (3) liters per hour. The canisters were connected to tubing that is connected to the vapor monitoring points located beneath the surface. Following the collection of the samples, the canisters were delivered to York via courier for analysis.

Soil Vapor Analytical Results

The soil vapor samples were analyzed for VOCs using Method TO-15. Laboratory analytical results are summarized in Table V, and the laboratory analytical report is included in Appendix B. The VOC trichloroethylene was detected in the sample SG-6R and SG-8. Concentrations appear to be stable from previous sampling events.

Soil Vapor Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each monitoring well are shown in Table VI of this report.

The concentrations of VOCs in the vapor monitoring points remained stable, indicating the SVE system's effectiveness. The concentration of the compound acetone in the vapor sample SG-7R markedly increased from previous sampling events. Acetone is a common laboratory contaminant, and its concentration will be monitored in the September 2024 sampling events to establish if there is a trend.

SVE System Assessment

Each quarter, readings are collected from the SVE System to assess the system's effectiveness and determine if any corrective actions are needed. The run times for the two (2) SVE System blowers are recorded. Additionally, the vacuum and flow ranges are measured from each of the vapor extraction legs. The field measurements sheet is included in Appendix C. The system was operating at the time of the sampling event. Due to electrical issues at the site, the system was out of operation in early April. Based on the run times observed in the system, the system is operating effectively, other than the noted downtime. All vacuum and flow rate readings indicated that the system was operating properly.

Conclusions and Recommendations

Groundwater and soil vapor analytical results from the June 2024 quarterly sampling event showed VOCs remaining stable from previous sampling events in groundwater and soil vapor samples. In consultation with NYSDEC, **ASR** proposes to continue quarterly monitoring and reporting, in addition to the annual Periodic Review Report ("PRR")

Please contact us if you have any questions or require additional information.

Respectfully submitted,
Advanced Site Restoration, LLC.



Nicholas Kideris
Geologist II



ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.

Scott A. Yanick, P.G.

President

Attachments:

- Table I: Groundwater Elevations
- Table II: Groundwater Quality Measurements
- Table III: Summary Groundwater Analytical Results
- Table IV: Historical Trends for Groundwater Analytical Results
- Table V: Summary Soil Vapor Analytical Results
- Table VI: Historical Trends for Soil Vapor Analytical Results
- Figure 1.0 – Site Location
- Figure 2.0 – Monitoring Well and Vapor Monitoring Points Locations
- Figure 3.0 – Groundwater Flow Contour Map
- Appendix A – Laboratory Analytical Report – Groundwater
- Appendix B – Laboratory Analytical Report – Soil Vapor
- Appendix C – Soil Vapor Extraction System Field Measurements

TABLES

Table I - Groundwater Elevations

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	6/12/2024	18.42	N/A	N/A
MW-7	6/12/2024	17.05	10.91	6.14
MW-8	6/12/2024	17.33	10.99	6.34
MW-10S	6/12/2024	14.47	8.12	6.35
MW-10D	6/12/2024	14.61	8.05	6.56
MW-11	6/12/2024	17.21	10.27	6.94
MW-12	6/12/2024	16.87	9.89	6.98

N/A: The monitoring well was inaccessible

Table II - Groundwater Monitoring Well Depths and Chemistry

353 McKibbin Street, Brooklyn

12-Jun-24

Monitoring Well #	<i>MW-7</i>			<i>MW-7 (old)</i>			<i>MW-10SR</i>			<i>MW-10DR</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	10.91			11.95			8.12			8.05		
Depth to Bottom (ft bgs)												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)	14.13	14.13	14.12				15.24	15.26	15.27	16.00	16.01	16.01
Conductivity (µS/cm)	676	676	675				1188	1188	1190	314	315	311
Dissolved Oxygen (mg/L)	-0.02	-0.02	-0.01				0.00	0.00	0.00	0.01	0.02	0.01
pH	8.21	8.24	8.28				12.15	12.16	12.15	11.29	11.21	11.28
Oxygen Reduction Potential	103.5	103.4	103.2				97.8	97.1	98.2	79.2	78.8	79.8
Turbidity	28.0	25.0	27.0				31.0	26.0	28.0	28.0	31.0	30.0

Monitoring Well #	<i>MW-8</i>			<i>MW-11</i>			<i>MW-12</i>					
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	10.99			10.27			9.89					
Depth to Bottom (ft bgs)												
Water Column Height (ft)												
Well elevation (ft)												
Water elevation (ft)												
Temperature (°C)	17.53	17.54	17.54	17.01	17.03	17.09	15.64	15.42	15.38			
Conductivity (µS/cm)	3082	3071	3080	1136	1125	1111	257	227	219			
Dissolved Oxygen (mg/L)	0.83	0.99	1.28	1.03	1.08	1.17	0.45	0.49	0.58			
pH	7.97	8.17	8.17	6.02	6.13	6.10	5.97	5.91	5.89			
Oxygen Reduction Potential	73.9	72.2	70.2	21.1	22.3	27.5	20.2	22.1	25.8			
Turbidity	42.0	37.0	36.0	44.2	41.6	43.8	33.6	32.2	34.4			

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	MW-7 6/13/2024		MW-8 6/13/2024		MW-10SR 6/13/2024		MW-10DR 6/13/2024		MW-11 6/13/2024		MW-12 6/13/2024	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		10		1	
1,1-Dichloroethylene	5	0.0	U	0.0	U	0.3	U	0.0	U	1.0		0.0	U
Acetone	50	0.0	U	0.0	U	1.3	U	0.0	U	1.7	J	0.0	U
Chloroform	7	0.0	U	0.0	U	1.8		0.0	U	0.0	U	0.0	U
cis-1,2-Dichloroethylene	5	0.0	U	0.0	U	1.2		0.0	U	20		1.2	
Methyl tert-butyl ether (MTBE)	10	0.0	U	0.0	U	0.2	U	0.0	U	1.5		0.0	U
Methylene chloride	5	0.0	U	0.0	U	0.4	U	0.0	U	0.0	U	0.0	U
Naphthalene	10	0.5	J	0.0	U	0.2	U	0.0	U	0.0	U	0.0	U
tert-Butyl alcohol (TBA)	~	0.0	U	0.0	U	0.6	U	0.0	U	1.6		0.0	U
Tetrachloroethylene	5	0.0	U	2.2		30.6		0.6		0.7		0.0	U
trans-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.3	U	0.0	U	7.7		0.0	U
Trichloroethylene	5	0.0	U	2.6		20.1		0.8		305	D	0.4	J
Total VOCs		0.5		4.8		57.1		1.4		339.1		1.6	

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-5DR (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	11.2	8.98	N/A	18.8	5.09	7.87	N/A
Trichloroethylene	10.6	12.1	N/A	14.2	8.58	12.3	N/A
cis-1,2-Dichloroethylene	0.32	0.47	N/A	1.58	3.50	1.4	N/A
Vinyl Chloride	0.0	0.0	N/A	0.0	0.86	0.0	N/A
Total VOCs	23.53	21.55	N/A	38.60	18.32	21.6	N/A

MW-7 (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	0.0	0.0	N/A	N/A	N/A	0.0	0.0
Trichloroethylene	0.26	0.0	N/A	N/A	N/A	0.0	0.0
cis-1,2-Dichloroethylene	0.0	0.0	N/A	N/A	N/A	0.0	0.0
Vinyl Chloride	0.0	0.0	N/A	N/A	N/A	0.0	0.0
Total VOCs	0.67	0.00	N/A	N/A	N/A	0.0	0.45

MW-8 (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	4.67	4.90	5.39	14.20	3.44	1.27	2.2
Trichloroethylene	16.2	20.3	12.4	27.4	13.8	4.56	2.6
cis-1,2-Dichloroethylene	0.63	0.74	0.44	1.58	0.54	0.0	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	21.50	26.22	21.95	46.97	18.40	5.83	4.79

MW-10SR (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	40.00	0.0	30.6
Trichloroethylene	23.6	26.7	21.7	50.5	23.6	0.31	20.1
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	1.68	0.00	1.18
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	68.73	6.21	57.09

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-10DR (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	0.39	16.9	0.62
Trichloroethylene	23.6	26.7	21.7	50.5	0.78	11.9	0.75
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	0.0	0.90	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	2.23	31.64	1.37

MW-11 (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	2.84	2.22	4.35	4.03	2.10	1	0.7
Trichloroethylene	257	380	459	434	1050	362	305
cis-1,2-Dichloroethylene	7.24	21.70	24.80	28.70	17.40	11.50	20.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	272.00	416.38	498.45	476.55	1,075.58	386.68	339.10

MW-12 (ug/L)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trichloroethylene	1.58	4.47	0.63	1.93	3.23	0.71	0.4
cis-1,2-Dichloroethylene	1.23	65	0.48	1.05	3.7	0.96	1.2
Vinyl Chloride	0.0	27.4	1.18	0.0	0.0	0.0	0.0
Total VOCs	5.18	104.20	6.65	8.43	7.26	3.55	1.60

Table V – Summary Soil Vapor Analytical Results

Sample ID	SV-4		SG-5R		SG-6R		SG-7R		SG-8		SV-9	
Sampling Date	6/13/2024		6/13/2024		6/13/2024		6/13/2024		6/13/2024		6/13/2024	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP)	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Add On												
Dilution Factor	1.716		1.612		1.726		1.76		1.977		1.76	
2,2,4-Trimethylpentane	3.850	D	0.377	D	1.610	D	2.380	D	1.390	D	2.060	D
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.716		1.612		1.726		129.43		1.977		1.76	
1,2,4-Trimethylbenzene	14.0	D	8.0	D	9.5	D	0.0	U	0.0	U	5.8	D
1,3,5-Trimethylbenzene	2.9	D	1.6	D	2.0	D	0.0	U	0.0	U	1.3	D
1,3-Butadiene	0.0	U	0.0	U	0.0	U	3.9	D	0.0	U	0.0	U
2-Butanone	5.2	D	2.3	D	4.9	D	410.0	D	38.0	D	3.9	D
2-Hexanone	2.3	D	0.0	U	0.0	U	57.0	D	3.7	D	0.0	U
4-Methyl-2-pentanone	0.0	U	0.0	U	0.0	U	1.8	D	0.0	U	0.8	D
Acetone	19.0	D	31.0	D	81.0	D	14,000.0	D	220.0	D	41.0	D
Acrylonitrile	4.0	D	0.0	U	0.0	U	0.0	U	0.0	U	1.7	D
Benzene	1.9	D	1.7	D	1.1	D	19.0	D	1.1	D	1.3	D
Carbon disulfide	0.0	U	1.5	D	3.8	D	0.8	D	0.0	U	0.0	U
Carbon tetrachloride	0.4	D	0.0	U	0.4	D	0.4	D	0.4	D	0.3	D
Chloroform	0.0	U	11.0	D	0.0	U	0.0	U	0.0	U	0.0	U
Chloromethane	1.0	D	2.2	D	2.1	D	4.3	D	1.9	D	1.1	D
cis-1,2-Dichloroethylene	0.0	U	0.3	D	0.0	U	0.0	U	0.0	U	0.0	U
Cyclohexane	1.2	D	0.0	U	0.6	D	0.0	U	0.0	U	0.7	D
Dichlorodifluoromethane	2.4	D	2.7	D	2.3	D	2.1	D	2.3	D	2.4	D
Ethyl acetate	0.0	U	0.0	U	0.0	U	33.0	D	0.0	U	0.0	U
Ethyl Benzene	3.7	D	1.5	D	1.9	D	0.8	D	0.0	U	2.2	D
Isopropanol	2.7	D	1.5	D	0.0	U	400.0	D	4.0	D	4.2	D
Methyl Methacrylate	0.9	D	0.0	U	0.9	D	0.0	U	0.0	U	1.1	D
Methylene chloride	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	1.5	D
Naphthalene	5.8	D	3.3	D	0.0	U	0.0	U	0.0	U	0.0	U
n-Heptane	3.0	D	0.0	U	1.2	D	5.8	D	1.1	D	1.5	D
n-Hexane	3.9	D	0.0	U	1.8	D	6.5	D	2.1	D	2.3	D
o-Xylene	5.8	D	2.4	D	3.1	D	0.0	U	0.9	D	3.1	D
p- & m- Xylenes	15.0	D	5.9	D	8.0	D	1.8	D	2.3	D	7.7	D
p-Ethyltoluene	7.9	D	4.0	D	5.4	D	0.9	U	0.0	U	3.8	D
Propylene	0.0	U	0.0	U	0.0	U	120.0	D	8.3	D	3.2	D
Tetrachloroethylene	0.0	U	16.0	D	0.0	U	1.4	D	2.3	D	12.0	D
Toluene	12.0	D	3.4	D	5.3	D	2.3	D	2.2	D	7.3	D
Trichloroethylene	1.9	D	6.0	D	0.0	U	0.4	BD	0.0	U	0.0	U
Trichlorofluoromethane (Freon 11)	1.1	D	3.9	D	1.3	D	1.2	D	1.2	D	1.4	D
Vinyl acetate	0.0	U	0.0	U	0.0	U	4.2	D	0.0	U	0.0	U
Vinyl Chloride	0.0	U	0.0	U	0.0	U	0.4	D	0.0	U	0.0	U
Total VOCs	118.0		110.2		136.6		15,077.9		291.8		111.7	

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

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SV-4 (ug/m3)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	160.00	34.00	4.50	5.40	ND	ND	0.00
Trichloroethylene	460	110	5.8	3.9	ND	0.3	1.9
cis-1,2-Dichloroethylene	0.88	0.39	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND
Total VOCs	957.00	303.30	279.00	83.00	19.19	48.82	118.00

SG-5R (ug/m3)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	ND	1.30	N/A	N/A	N/A	2.20	16.0
Trichloroethylene	ND	0.53	N/A	N/A	N/A	2.9	6.0
cis-1,2-Dichloroethylene	ND	ND	N/A	N/A	N/A	ND	0.26
Vinyl Chloride	ND	ND	N/A	N/A	N/A	ND	0.0
Total VOCs	13.00	81.00	N/A	N/A	N/A	69.94	110.16

SG-6R (ug/m3)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1.40	ND	ND	ND	1.30	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND
Total VOCs	11.00	57.00	29.00	62.00	23.48	50.98	136.57

SG-7R (ug/m3)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	1.20	1.40	2.40	ND	ND	ND	1.40
Trichloroethylene	1.60	4.1	ND	ND	ND	ND	0.38
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.4
Total VOCs	36.00	45.00	183.00	300.00	843.50	5,985.10	15,077.92

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SG-8 (ug/m3)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	2.30
Trichloroethylene	0.53	ND	ND	ND	1.90	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND
Total VOCs	13.00	37.00	130.00	21.00	18.82	51.93	291.81

SV-9 (ug/m3)							
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024
Tetrachloroethylene	ND	ND	3.00	1.60	ND	ND	12.00
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND
Total VOCs	12.00	32.00	28.00	39.00	30.48	54.57	111.65

FIGURES



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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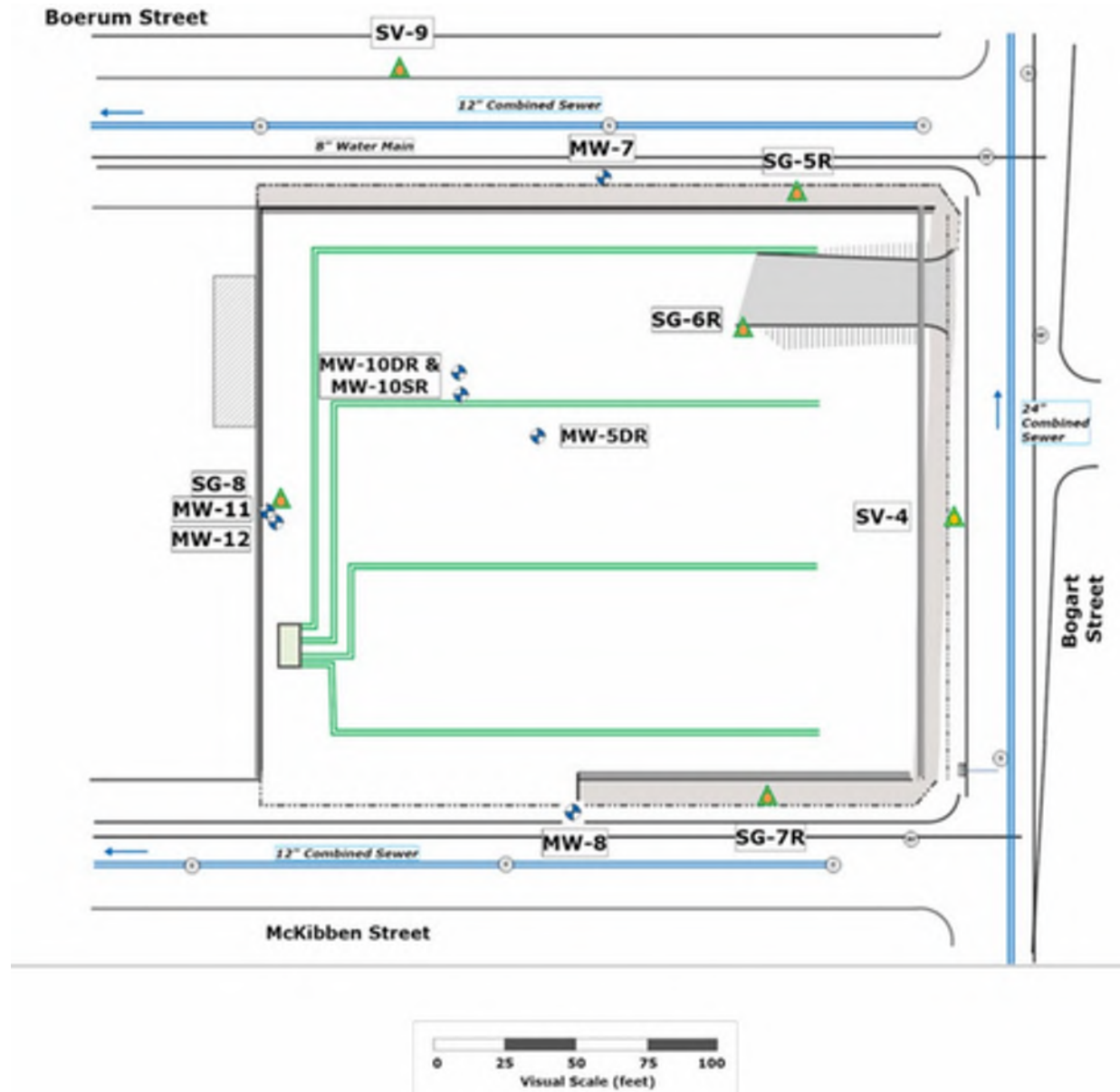
FIGURE 1.0
SITE LOCATION
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE: 7/5/2024
DRAWN BY: NK
CHECKED BY:
REVISIONS:

KEY

- - - Approximate Property Boundary

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.



53 West Hills Road
Huntington Station, NY 11746

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FIGURE 2.0
MONITORING WELL AND VAPOR
MONITORING POINT LOCATIONS
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE: 7/5/2024
DRAWN BY: NK
CHECKED BY:
REVISIONS:

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accuracy of this drawing and it should only
be used for informational purposes.

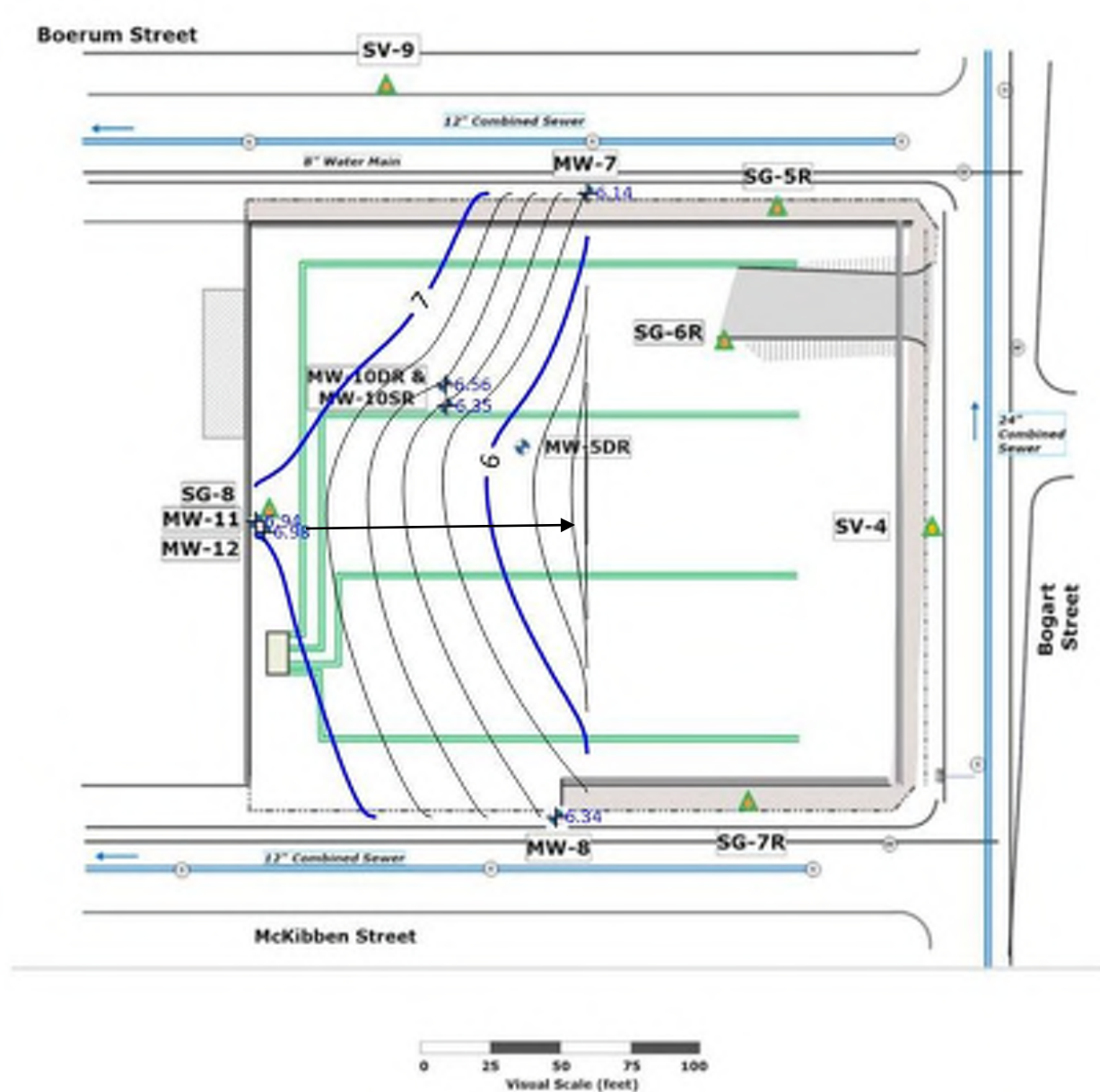


FIGURE 3.0
GROUNDWATER CONTOUR MAP
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE:
DRAWN BY: NK
CHECKED BY:
REVISIONS:

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APPENDIX A

Laboratory Analytical Report- Groundwater



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 06/21/2024

Client Project ID: 353 McKibbin Street Brooklyn NY A22-116

York Project (SDG) No.: 24F1023

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



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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/21/2024
Client Project ID: 353 McKibbin Street Brooklyn NY A22-116
York Project (SDG) No.: 24F1023

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 14, 2024 and listed below. The project was identified as your project: **353 McKibbin Street Brooklyn NY A22-116**.

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.

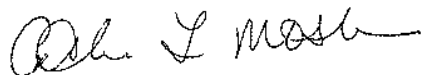
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24F1023-01	MW-7	Ground Water	06/13/2024	06/14/2024
24F1023-02	MW-8	Ground Water	06/13/2024	06/14/2024
24F1023-03	MW-10SR	Ground Water	06/13/2024	06/14/2024
24F1023-04	MW-10DR	Ground Water	06/13/2024	06/14/2024
24F1023-05	MW-11	Ground Water	06/13/2024	06/14/2024
24F1023-06	MW-12	Ground Water	06/13/2024	06/14/2024
24F1023-07	DUP	Ground Water	06/13/2024	06/14/2024
24F1023-08	Trip Blank	Water	06/13/2024	06/14/2024

General Notes for York Project (SDG) No.: 24F1023

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/21/2024





Sample Information

Client Sample ID: MW-7

York Sample ID: 24F1023-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 9:15 am

06/14/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: MW-7

York Sample ID: 24F1023-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 9:15 am

06/14/2024

Volatile Organics, 8260 Low 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	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT



Sample Information

Client Sample ID: MW-7

York Sample ID: 24F1023-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 9:15 am

06/14/2024

Volatile Organics, 8260 Low 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	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
91-20-3	Naphthalene	0.450	J	ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 17:43	BMT



Sample Information

Client Sample ID: MW-7

York Sample ID: 24F1023-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 9:15 am

06/14/2024

Volatile Organics, 8260 Low 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	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 17:43	BMT
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	06/18/2024 08:00	06/18/2024 17:43	BMT
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	06/18/2024 08:00	06/18/2024 17:43	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.8 %	79-122								

Sample Information

Client Sample ID: MW-8

York Sample ID: 24F1023-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 1:00 pm

06/14/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT
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	06/18/2024 08:00	06/18/2024 18:12	BMT



Sample Information

Client Sample ID: MW-8

York Sample ID: 24F1023-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 1:00 pm

06/14/2024

Volatile Organics, 8260 Low 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT



Sample Information

Client Sample ID: MW-8

York Sample ID: 24F1023-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 1:00 pm

06/14/2024

Volatile Organics, 8260 Low 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
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:12	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:12	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 18:12	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 18:12	BMT



Sample Information

Client Sample ID: MW-8

York Sample ID: 24F1023-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 1:00 pm

06/14/2024

Volatile Organics, 8260 Low 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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
127-18-4	Tetrachloroethylene	2.18	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
79-01-6	Trichloroethylene	2.61		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:12	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %	79-122								

Sample Information

Client Sample ID: MW-10SR

York Sample ID: 24F1023-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:30 am

06/14/2024



Sample Information

Client Sample ID: MW-10SR

York Sample ID: 24F1023-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:30 am

06/14/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT



Sample Information

Client Sample ID: MW-10SR

York Sample ID: 24F1023-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:30 am

06/14/2024

Volatile Organics, 8260 Low 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
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
67-66-3	Chloroform	1.80		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
156-59-2	cis-1,2-Dichloroethylene	1.18		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT



Sample Information

Client Sample ID: MW-10SR

York Sample ID: 24F1023-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:30 am

06/14/2024

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:40	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:40	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:40	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 18:40	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 18:40	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 18:40	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 18:40	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
127-18-4	Tetrachloroethylene	30.6	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/18/2024 18:40	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
79-01-6	Trichloroethylene	20.1		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/18/2024 18:40	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 18:40	BMT



Sample Information

Client Sample ID: MW-10SR

York Sample ID: 24F1023-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:30 am

06/14/2024

Volatile Organics, 8260 Low 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
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	06/18/2024 08:00	06/18/2024 18:40	BMT
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %		79-122							

Sample Information

Client Sample ID: MW-10DR

York Sample ID: 24F1023-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:50 am

06/14/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT



Sample Information

Client Sample ID: MW-10DR

York Sample ID: 24F1023-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:50 am

06/14/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT



Sample Information

Client Sample ID: MW-10DR

York Sample ID: 24F1023-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 11:50 am

06/14/2024

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:09	BMT



Sample Information

<u>Client Sample ID:</u> MW-10DR			<u>York Sample ID:</u> 24F1023-04	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 11:50 am	06/14/2024

Volatile Organics, 8260 Low 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
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
127-18-4	Tetrachloroethylene	0.620	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:09	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
79-01-6	Trichloroethylene	0.750		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:09	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
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	06/18/2024 08:00	06/18/2024 19:09	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.4 %	79-122								

Sample Information

<u>Client Sample ID:</u> MW-11			<u>York Sample ID:</u> 24F1023-05	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 12:20 pm	06/14/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: MW-11

York Sample ID: 24F1023-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 12:20 pm

06/14/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
75-35-4	1,1-Dichloroethylene	0.960		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT
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	06/18/2024 08:00	06/18/2024 19:37	BMT



Sample Information

Client Sample ID: MW-11

York Sample ID: 24F1023-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 12:20 pm

06/14/2024

Volatile Organics, 8260 Low 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	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
67-64-1	Acetone	1.74	J, ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
156-59-2	cis-1,2-Dichloroethylene	20.0		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT



Sample Information

Client Sample ID: MW-11

York Sample ID: 24F1023-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 12:20 pm

06/14/2024

Volatile Organics, 8260 Low 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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	1.45		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
75-65-0	tert-Butyl alcohol (TBA)	1.56		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
127-18-4	Tetrachloroethylene	0.650	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
156-60-5	trans-1,2-Dichloroethylene	7.74		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
79-01-6	Trichloroethylene	305		ug/L	2.49	5.00	10	EPA 8260D Certifications:	06/20/2024 08:00	06/20/2024 13:49	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT



Sample Information

Client Sample ID: MW-11		York Sample ID: 24F1023-05			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 12:20 pm	06/14/2024	

<u>Volatile Organics, 8260 Low Comprehensive</u>					<u>Log-in Notes:</u>			<u>Sample Notes:</u>			
Sample Prepared by Method: EPA 5030B											
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 19:37	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

Sample Information

Client Sample ID: MW-12		York Sample ID: 24F1023-06			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 12:40 pm	06/14/2024	

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT



Sample Information

Client Sample ID: MW-12

York Sample ID: 24F1023-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 12:40 pm

06/14/2024

Volatile Organics, 8260 Low 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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT



Sample Information

Client Sample ID: MW-12

York Sample ID: 24F1023-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 12:40 pm

06/14/2024

Volatile Organics, 8260 Low 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
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
156-59-2	cis-1,2-Dichloroethylene	1.21		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:06	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:06	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 20:06	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 20:06	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT



Sample Information

<u>Client Sample ID:</u> MW-12			<u>York Sample ID:</u> 24F1023-06	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 12:40 pm	06/14/2024

Volatile Organics, 8260 Low 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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
79-01-6	Trichloroethylene	0.420	J	ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:06	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.6 %	79-122								

Sample Information

<u>Client Sample ID:</u> DUP			<u>York Sample ID:</u> 24F1023-07	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 7:00 am	06/14/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: DUP

York Sample ID: 24F1023-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 7:00 am

06/14/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT



Sample Information

Client Sample ID: DUP

York Sample ID: 24F1023-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 7:00 am

06/14/2024

Volatile Organics, 8260 Low 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
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT



Sample Information

Client Sample ID: DUP

York Sample ID: 24F1023-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Ground Water

June 13, 2024 7:00 am

06/14/2024

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:34	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:34	BMT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:34	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 20:34	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/18/2024 20:34	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 20:34	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:34	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
127-18-4	Tetrachloroethylene	2.43	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/18/2024 20:34	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
79-01-6	Trichloroethylene	2.82		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/18/2024 20:34	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:34	BMT



Sample Information

<u>Client Sample ID:</u> DUP			<u>York Sample ID:</u>	24F1023-07
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1023	353 McKibbin Street Brooklyn NY A22-116	Ground Water	June 13, 2024 7:00 am	06/14/2024

Volatile Organics, 8260 Low 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
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	06/18/2024 08:00	06/18/2024 20:34	BMT
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %		79-122							

Sample Information

<u>Client Sample ID:</u> Trip Blank			<u>York Sample ID:</u>	24F1023-08
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F1023	353 McKibbin Street Brooklyn NY A22-116	Water	June 13, 2024 8:00 am	06/14/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT
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	06/18/2024 08:00	06/18/2024 13:26	BMT



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24F1023-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Water

June 13, 2024 8:00 am

06/14/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24F1023-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Water

June 13, 2024 8:00 am

06/14/2024

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-09-2	Methylene chloride	0.610	J	ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24F1023-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1023

353 McKibbin Street Brooklyn NY A22-116

Water

June 13, 2024 8:00 am

06/14/2024

Volatile Organics, 8260 Low 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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 13:26	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.3 %	79-122								



Analytical Batch Summary

Batch ID: BF41151

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24F1023-01	MW-7	06/18/24
24F1023-02	MW-8	06/18/24
24F1023-03	MW-10SR	06/18/24
24F1023-04	MW-10DR	06/18/24
24F1023-05	MW-11	06/18/24
24F1023-06	MW-12	06/18/24
24F1023-07	DUP	06/18/24
24F1023-08	Trip Blank	06/18/24
BF41151-BLK1	Blank	06/18/24
BF41151-BS1	LCS	06/18/24
BF41151-BSD1	LCS Dup	06/18/24

Batch ID: BF41334

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24F1023-05RE1	MW-11	06/20/24
BF41334-BLK1	Blank	06/20/24
BF41334-BS1	LCS	06/20/24
BF41334-BSD1	LCS Dup	06/20/24



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

Batch BF41151 - EPA 5030B

Blank (BF41151-BLK1)

Prepared & Analyzed: 06/18/2024

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	"



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 BF41151 - EPA 5030B

Blank (BF41151-BLK1)

Prepared & Analyzed: 06/18/2024

Methylcyclohexane	ND	0.500	ug/L
Methylene chloride	ND	2.00	"
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

13.7

"

10.0

137

69-130

Surrogate: SURR: Toluene-d8

9.63

"

10.0

96.3

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.22

"

10.0

92.2

79-122

LCS (BF41151-BS1)

Prepared & Analyzed: 06/18/2024

1,1,1,2-Tetrachloroethane	10.1	ug/L	10.0	101	82-126
1,1,1-Trichloroethane	10.1	"	10.0	101	78-136
1,1,2,2-Tetrachloroethane	10.6	"	10.0	106	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	"	10.0	105	54-165
1,1,2-Trichloroethane	9.94	"	10.0	99.4	82-123
1,1-Dichloroethane	10.0	"	10.0	100	82-129
1,1-Dichloroethylene	11.1	"	10.0	111	68-138
1,2,3-Trichlorobenzene	10.2	"	10.0	102	76-136
1,2,3-Trichloropropane	9.99	"	10.0	99.9	77-128
1,2,4-Trichlorobenzene	10.3	"	10.0	103	76-137
1,2,4-Trimethylbenzene	10.4	"	10.0	104	82-132
1,2-Dibromo-3-chloropropane	10.4	"	10.0	104	45-147
1,2-Dibromoethane	9.88	"	10.0	98.8	83-124
1,2-Dichlorobenzene	10.0	"	10.0	100	79-123
1,2-Dichloroethane	10.0	"	10.0	100	73-132
1,2-Dichloropropane	10.3	"	10.0	103	78-126
1,3,5-Trimethylbenzene	10.5	"	10.0	105	80-131
1,3-Dichlorobenzene	9.96	"	10.0	99.6	86-122
1,3-Dichloropropane	9.93	"	10.0	99.3	81-125
1,4-Dichlorobenzene	9.86	"	10.0	98.6	85-124
1,4-Dioxane	210	"	210	99.8	10-349
2-Butanone	9.63	"	10.0	96.3	49-152
2-Hexanone	9.11	"	10.0	91.1	51-146



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 BF41151 - EPA 5030B

LCS (BF41151-BS1)

Prepared & Analyzed: 06/18/2024

4-Methyl-2-pentanone	9.84		ug/L	10.0		98.4	57-145				
Acetone	6.28		"	10.0		62.8	14-150				
Acrolein	4.23		"	10.0		42.3	10-153				
Acrylonitrile	10.0		"	10.0		100	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.01		"	10.0		90.1	78-133				
Bromomethane	8.20		"	10.0		82.0	43-168				
Carbon disulfide	11.2		"	10.0		112	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	9.97		"	10.0		99.7	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	80-131				
Cyclohexane	10.3		"	10.0		103	63-149				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	10.0		"	10.0		100	72-134				
Dichlorodifluoromethane	12.2		"	10.0		122	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	8.98		"	10.0		89.8	51-139				
Methyl tert-butyl ether (MTBE)	9.82		"	10.0		98.2	76-135				
Methylcyclohexane	9.81		"	10.0		98.1	72-143				
Methylene chloride	9.55		"	10.0		95.5	55-137				
Naphthalene	10.3		"	10.0		103	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Diethylbenzene	9.94		"	10.0		99.4	84-134				
p-Ethyltoluene	10.4		"	10.0		104	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	48.9		"	50.0		97.8	25-162				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	5.30		"	10.0		53.0	82-131	Low Bias			
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	10.8		"	10.0		108	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.92		"	10.0		99.2	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41151 - EPA 5030B											
LCS Dup (BF41151-BSD1)						Prepared & Analyzed: 06/18/2024					
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126		5.77	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136		6.14	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		0.282	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		6.83	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		3.07	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		5.42	30	
1,1-Dichloroethylene	11.8		"	10.0		118	68-138		5.86	30	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-136		10.8	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		3.54	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137		6.86	30	
1,2,4-Trimethylbenzene	11.3		"	10.0		113	82-132		7.65	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		1.91	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		4.65	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		5.98	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		4.30	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		3.71	30	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131		8.33	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		6.98	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		4.05	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		6.48	30	
1,4-Dioxane	214		"	210		102	10-349		2.20	30	
2-Butanone	9.83		"	10.0		98.3	49-152		2.06	30	
2-Hexanone	9.30		"	10.0		93.0	51-146		2.06	30	
4-Methyl-2-pentanone	9.97		"	10.0		99.7	57-145		1.31	30	
Acetone	6.45		"	10.0		64.5	14-150		2.67	30	
Acrolein	3.73		"	10.0		37.3	10-153		12.6	30	
Acrylonitrile	10.5		"	10.0		105	51-150		5.16	30	
Benzene	11.3		"	10.0		113	85-126		5.85	30	
Bromochloromethane	10.6		"	10.0		106	77-128		4.63	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		4.21	30	
Bromoform	9.39		"	10.0		93.9	78-133		4.13	30	
Bromomethane	10.2		"	10.0		102	43-168		21.8	30	
Carbon disulfide	11.9		"	10.0		119	68-146		6.05	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		6.56	30	
Chlorobenzene	10.8		"	10.0		108	88-120		5.98	30	
Chloroethane	11.8		"	10.0		118	65-136		6.58	30	
Chloroform	10.5		"	10.0		105	82-128		5.46	30	
Chloromethane	11.0		"	10.0		110	43-155		7.95	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		3.64	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131		3.87	30	
Cyclohexane	11.1		"	10.0		111	63-149		7.96	30	
Dibromochloromethane	10.7		"	10.0		107	80-130		3.90	30	
Dibromomethane	10.3		"	10.0		103	72-134		2.66	30	
Dichlorodifluoromethane	13.3		"	10.0		133	44-144		8.31	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		6.62	30	
Hexachlorobutadiene	11.1		"	10.0		111	67-146		7.39	30	
Isopropylbenzene	11.4		"	10.0		114	76-140		8.38	30	
Methyl acetate	9.06		"	10.0		90.6	51-139		0.887	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135		4.19	30	
Methylcyclohexane	10.7		"	10.0		107	72-143		8.68	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

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

Batch BF41151 - EPA 5030B

LCS Dup (BF41151-BSD1)

Prepared & Analyzed: 06/18/2024

Methylene chloride	9.95		ug/L	10.0		99.5	55-137		4.10	30	
Naphthalene	11.3		"	10.0		113	70-147		8.90	30	
n-Butylbenzene	11.2		"	10.0		112	79-132		10.8	30	
n-Propylbenzene	11.4		"	10.0		114	78-133		9.08	30	
o-Xylene	10.9		"	10.0		109	78-130		6.92	30	
p- & m- Xylenes	22.9		"	20.0		115	77-133		6.99	30	
p-Diethylbenzene	11.0		"	10.0		110	84-134		10.1	30	
p-Ethyltoluene	11.4		"	10.0		114	88-129		8.93	30	
p-Isopropyltoluene	11.5		"	10.0		115	81-136		11.1	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		10.9	30	
Styrene	11.0		"	10.0		110	67-132		6.07	30	
tert-Butyl alcohol (TBA)	49.6		"	50.0		99.2	25-162		1.42	30	
tert-Butylbenzene	11.2		"	10.0		112	77-138		9.66	30	
Tetrachloroethylene	5.71		"	10.0		57.1	82-131	Low Bias	7.45	30	
Toluene	10.8		"	10.0		108	80-127		4.46	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		4.28	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		3.96	30	
Trichloroethylene	10.9		"	10.0		109	82-128		6.64	30	
Trichlorofluoromethane	11.7		"	10.0		117	67-139		8.26	30	
Vinyl Chloride	11.3		"	10.0		113	58-145		7.99	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.90		"	10.0		99.0	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.94		"	10.0		99.4	79-122				

Batch BF41334 - EPA 5030B

Blank (BF41334-BLK1)

Prepared & Analyzed: 06/20/2024

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	"								



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	
		Limit								RPD	Limit

Batch BF41334 - EPA 5030B

Blank (BF41334-BLK1)

Prepared & Analyzed: 06/20/2024

Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.300	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	10.0		"	10.0		100		69-130			
Surrogate: SURR: Toluene-d8	9.56		"	10.0		95.6		81-117			
Surrogate: SURR: 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 Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41334 - EPA 5030B											
LCS (BF41334-BS1)						Prepared & Analyzed: 06/20/2024					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	9.10		"	10.0		91.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.80		"	10.0		98.0	82-123				
1,1-Dichloroethane	10.5		"	10.0		105	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	12.6		"	10.0		126	76-136				
1,2,3-Trichloropropane	9.77		"	10.0		97.7	77-128				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	9.76		"	10.0		97.6	83-124				
1,2-Dichlorobenzene	9.97		"	10.0		99.7	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	9.74		"	10.0		97.4	78-126				
1,3,5-Trimethylbenzene	9.99		"	10.0		99.9	80-131				
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122				
1,3-Dichloropropane	9.76		"	10.0		97.6	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	185		"	210		88.1	10-349				
2-Butanone	10.7		"	10.0		107	49-152				
2-Hexanone	9.70		"	10.0		97.0	51-146				
4-Methyl-2-pentanone	9.28		"	10.0		92.8	57-145				
Acetone	13.4		"	10.0		134	14-150				
Acrolein	5.48		"	10.0		54.8	10-153				
Acrylonitrile	11.2		"	10.0		112	51-150				
Benzene	10.8		"	10.0		108	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	9.89		"	10.0		98.9	79-128				
Bromoform	9.92		"	10.0		99.2	78-133				
Bromomethane	7.27		"	10.0		72.7	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	9.94		"	10.0		99.4	65-136				
Chloroform	10.7		"	10.0		107	82-128				
Chloromethane	8.86		"	10.0		88.6	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	80-131				
Cyclohexane	10.4		"	10.0		104	63-149				
Dibromochloromethane	9.96		"	10.0		99.6	80-130				
Dibromomethane	9.86		"	10.0		98.6	72-134				
Dichlorodifluoromethane	9.41		"	10.0		94.1	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	9.74		"	10.0		97.4	76-140				
Methyl acetate	10.3		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylcyclohexane	9.80		"	10.0		98.0	72-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				
Batch BF41334 - EPA 5030B											
LCS (BF41334-BS1)			Prepared & Analyzed: 06/20/2024								
Methylene chloride	9.45		ug/L	10.0		94.5	55-137				
Naphthalene	11.2		"	10.0		112	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	9.94		"	10.0		99.4	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	9.94		"	10.0		99.4	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	63.3		"	50.0		127	25-162				
tert-Butylbenzene	9.84		"	10.0		98.4	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	9.98		"	10.0		99.8	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	9.98		"	10.0		99.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.94		"	10.0		99.4	69-130				
Surrogate: SURR: Toluene-d8	9.44		"	10.0		94.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.86		"	10.0		98.6	79-122				
LCS Dup (BF41334-BSD1)			Prepared & Analyzed: 06/20/2024								
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		0.0989	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		3.91	30	
1,1,2,2-Tetrachloroethane	9.80		"	10.0		98.0	76-129		7.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.37		"	10.0		93.7	54-165		9.46	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123		2.32	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		4.67	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		1.14	30	
1,2,3-Trichlorobenzene	14.8		"	10.0		148	76-136	High Bias	16.1	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		7.96	30	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	76-137		8.00	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		3.22	30	
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	45-147		7.86	30	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		2.83	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		3.64	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.97	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-126		2.93	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		1.98	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		0.587	30	
1,3-Dichloropropane	10.0		"	10.0		100	81-125		2.73	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.197	30	
1,4-Dioxane	98.6		"	210		46.9	10-349		61.0	30	Non-dir.
2-Butanone	10.3		"	10.0		103	49-152		3.61	30	
2-Hexanone	9.47		"	10.0		94.7	51-146		2.40	30	
4-Methyl-2-pentanone	9.77		"	10.0		97.7	57-145		5.14	30	
Acetone	8.93		"	10.0		89.3	14-150		40.3	30	Non-dir.



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 BF41334 - EPA 5030B											
LCS Dup (BF41334-BSD1)						Prepared & Analyzed: 06/20/2024					
Acrolein	7.31		ug/L	10.0		73.1	10-153		28.6	30	
Acrylonitrile	11.2		"	10.0		112	51-150		0.535	30	
Benzene	10.8		"	10.0		108	85-126		0.370	30	
Bromochloromethane	10.3		"	10.0		103	77-128		1.92	30	
Bromodichloromethane	9.96		"	10.0		99.6	79-128		0.705	30	
Bromoform	10.2		"	10.0		102	78-133		3.27	30	
Bromomethane	7.79		"	10.0		77.9	43-168		6.91	30	
Carbon disulfide	10.1		"	10.0		101	68-146		2.45	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		4.61	30	
Chlorobenzene	10.2		"	10.0		102	88-120		1.29	30	
Chloroethane	9.81		"	10.0		98.1	65-136		1.32	30	
Chloroform	10.5		"	10.0		105	82-128		1.70	30	
Chloromethane	8.37		"	10.0		83.7	43-155		5.69	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		2.37	30	
cis-1,3-Dichloropropylene	9.88		"	10.0		98.8	80-131		0.706	30	
Cyclohexane	9.26		"	10.0		92.6	63-149		11.8	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		2.77	30	
Dibromomethane	10.1		"	10.0		101	72-134		2.60	30	
Dichlorodifluoromethane	9.22		"	10.0		92.2	44-144		2.04	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		1.17	30	
Hexachlorobutadiene	9.62		"	10.0		96.2	67-146		4.97	30	
Isopropylbenzene	9.76		"	10.0		97.6	76-140		0.205	30	
Methyl acetate	10.0		"	10.0		100	51-139		2.94	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		3.71	30	
Methylcyclohexane	8.90		"	10.0		89.0	72-143		9.63	30	
Methylene chloride	9.25		"	10.0		92.5	55-137		2.14	30	
Naphthalene	13.4		"	10.0		134	70-147		17.7	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		2.13	30	
n-Propylbenzene	9.79		"	10.0		97.9	78-133		1.52	30	
o-Xylene	10.3		"	10.0		103	78-130		0.0974	30	
p- & m- Xylenes	20.5		"	20.0		103	77-133		0.243	30	
p-Diethylbenzene	10.4		"	10.0		104	84-134		4.24	30	
p-Ethyltoluene	9.83		"	10.0		98.3	88-129		1.11	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.293	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		3.20	30	
Styrene	10.7		"	10.0		107	67-132		1.22	30	
tert-Butyl alcohol (TBA)	63.6		"	50.0		127	25-162		0.567	30	
tert-Butylbenzene	9.60		"	10.0		96.0	77-138		2.47	30	
Tetrachloroethylene	6.01		"	10.0		60.1	82-131	Low Bias	50.9	30	Non-dir.
Toluene	10.2		"	10.0		102	80-127		2.18	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		2.28	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		0.198	30	
Trichloroethylene	10.1		"	10.0		101	82-128		1.19	30	
Trichlorofluoromethane	9.37		"	10.0		93.7	67-139		9.46	30	
Vinyl Chloride	9.57		"	10.0		95.7	58-145		4.19	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.67		"	10.0		96.7	69-130				
Surrogate: SURR: Toluene-d8	9.53		"	10.0		95.3	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.96		"	10.0		99.6	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F1023-01	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-02	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-03	MW-10SR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-04	MW-10DR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-05	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-06	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-07	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F1023-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
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).
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 Project No.

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

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Company:	Address:	Company:	Address:	Company:	Address:	YOUR PROJECT NAME		RUSH - Next Day	
Address:	Address:	Address:		Address:		YOUR PROJECT NAME		RUSH - Two Day	
Phone:	Phone:	Phone:		Phone:		YOUR PROJECT NAME		RUSH - Three Day	
Contact:	Contact:	Contact:		Contact:		YOUR PROJECT NAME		RUSH - Four Day	
E-mail:	E-mail:	E-mail:		E-mail:		YOUR PROJECT NAME		RUSH - Five Day	
Company: Laurel Education Center Address: 53 West Hills Road Address: Huntington Station, NY 11746 Phone: (631) 673-0612 Contact: Scott Bruck E-mail: luc@luc.edu		Company: Scott Address: Scott Address: Scott Phone: Scott Contact: Scott E-mail: Scott		Company: Kathy Address: Kathy Address: Kathy Phone: Kathy Contact: Kathy E-mail: Kathy		A22-116 353 McKissick Street, Berklin, NY YOUR PO#:		Standard (6-8 Day) PFAS Standard is 7-10 Days	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Report / EDD Type (circle selections) ☒ Summary Report ☐ QA Report ☐ CMDP ☐ Standard Excel EDD ☐ NY ASP B Package		Report / EDD Type (circle selections) ☐ CT RCP ☐ CT RCP DQA/DUE ☐ NJDEP Reduced Deliverables ☐ NJDEP SRP HazSite		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)			
Sample Identification Samples Collected by: (print AND sign your name) Nickolas Kideris Will Tiller		Matrix Codes S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil / Other		Samples From ☒ New York ☐ New Jersey ☐ Connecticut ☐ Pennsylvania ☐ Other:		Analyses Requested USEPA 8260 USEPA 8260 USEPA 8260 USEPA 8260 USEPA 8260 USEPA 8260 USEPA 8260 USEPA 8260			
Container Type 40 mL 40 mL 40 mL 40 mL 40 mL 40 mL 40 mL 40 mL		Date/Time Sampled 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24		Date/Time Sampled 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24 6/13/24		Container No. 3 3 3 3 3 3 3 3			
Comments: Dye Trip Blank		Preservation: (check all that apply) ☒ HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH		Special Instruction Field Filtered Lab to Filter		Special Instruction Field Filtered Lab to Filter			
1. Samples Received by / Company 6/14/24 6/14/24 13:20		2. Samples Received by / Company 6/14/24 6/14/24 13:20		3. Samples Received by / Company 6/14/24 6/14/24 13:20		4. Samples Received by / Company 6/14/24 6/14/24 13:20			

APPENDIX B

Laboratory Analytical Report - Soil Vapor



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 06/26/2024

Client Project ID: 353 McKibbin St Brooklyn - A22-116

York Project (SDG) No.: 24F1017

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



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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/26/2024
Client Project ID: 353 McKibbin St Brooklyn - A22-116
York Project (SDG) No.: 24F1017

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 14, 2024 and listed below. The project was identified as your project: **353 McKibbin St Brooklyn - A22-116**.

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.

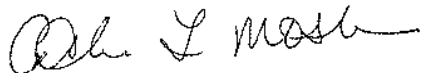
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24F1017-01	SV-4	Vapor Extraction	06/13/2024	06/14/2024
24F1017-02	SG-5R	Vapor Extraction	06/13/2024	06/14/2024
24F1017-03	SG-6R	Vapor Extraction	06/13/2024	06/14/2024
24F1017-04	SG-7R	Vapor Extraction	06/13/2024	06/14/2024
24F1017-05	SG-8	Vapor Extraction	06/13/2024	06/14/2024
24F1017-06	SV-9	Vapor Extraction	06/13/2024	06/14/2024

General Notes for York Project (SDG) No.: 24F1017

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/26/2024





Sample Information

Client Sample ID: SV-4

York Sample ID: 24F1017-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	3.85		ug/m ³	0.401	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.94	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.94	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.69	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.17	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
95-63-6	1,2,4-Trimethylbenzene	14		ug/m ³	0.84	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.69	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.79	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
108-67-8	1,3,5-Trimethylbenzene	2.9		ug/m ³	0.84	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
106-99-0	1,3-Butadiene	ND	TO-CC V	ug/m ³	1.1	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.79	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24F1017-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
78-93-3	2-Butanone	5.2		ug/m ³	0.51	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
591-78-6	* 2-Hexanone	2.3	Cal-E, TO-CC V, TO-LCS -H	ug/m ³	1.4	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.70	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
67-64-1	Acetone	19		ug/m ³	0.82	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
107-13-1	Acrylonitrile	4.0		ug/m ³	0.37	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
71-43-2	Benzene	1.9		ug/m ³	0.55	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.89	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-25-2	Bromoform	ND		ug/m ³	1.8	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
74-83-9	Bromomethane	ND		ug/m ³	0.67	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-15-0	Carbon disulfide	ND		ug/m ³	0.53	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
56-23-5	Carbon tetrachloride	0.43		ug/m ³	0.27	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.79	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-00-3	Chloroethane	ND		ug/m ³	0.45	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
67-66-3	Chloroform	ND		ug/m ³	0.84	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
74-87-3	Chloromethane	0.96	Cal-E	ug/m ³	0.35	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.17	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.78	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
110-82-7	Cyclohexane	1.2		ug/m ³	0.59	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24F1017-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.85	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
100-41-4	Ethyl Benzene	3.7		ug/m ³	0.75	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
67-63-0	Isopropanol	2.7		ug/m ³	0.84	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
80-62-6	Methyl Methacrylate	0.91		ug/m ³	0.70	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.62	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
91-20-3	* Naphthalene	5.8	Cal-E, TO-LCS -H	ug/m ³	1.8	1.716	EPA TO-15 Certifications: NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
142-82-5	n-Heptane	3.0		ug/m ³	0.70	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
110-54-3	n-Hexane	3.9		ug/m ³	0.60	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
95-47-6	o-Xylene	5.8		ug/m ³	0.75	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
179601-23-1	p- & m- Xylenes	15		ug/m ³	1.5	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
622-96-8	* p-Ethyltoluene	7.9		ug/m ³	0.84	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
115-07-1	* Propylene	ND		ug/m ³	0.30	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
100-42-5	Styrene	ND		ug/m ³	0.73	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.2	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.716	EPA TO-15 Certifications:	06/25/2024 09:00	06/25/2024 16:01	LT
108-88-3	Toluene	12		ug/m ³	0.65	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.68	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.78	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
79-01-6	Trichloroethylene	1.9		ug/m ³	0.23	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT



Sample Information

Client Sample ID: SV-4

York Sample ID: 24F1017-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	0.96	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
108-05-4	Vinyl acetate	ND		ug/m ³	0.60	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.75	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.22	1.716	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 09:00	06/25/2024 16:01	LT

Sample Information

Client Sample ID: SG-5R

York Sample ID: 24F1017-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	0.377		ug/m ³	0.377	1.612	EPA TO-15 Certifications:	06/21/2024 12:00	06/25/2024 00:39	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.1	1.612	EPA TO-15 Certifications:	06/21/2024 12:00	06/25/2024 00:39	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.88	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.88	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.65	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LCS -L	ug/m ³	1.2	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT



Sample Information

Client Sample ID: SG-5R

York Sample ID: 24F1017-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	8.0		ug/m ³	0.79	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.97	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.65	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.74	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
108-67-8	1,3,5-Trimethylbenzene	1.6		ug/m ³	0.79	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
106-99-0	1,3-Butadiene	ND	TO-CC V, TO-LCS -L	ug/m ³	1.1	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.97	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.74	1.612	EPA TO-15 Certifications:	06/21/2024 12:00	06/25/2024 00:39	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.97	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
78-93-3	2-Butanone	2.3		ug/m ³	0.48	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
591-78-6	* 2-Hexanone	ND	CAL-E	ug/m ³	1.3	1.612	EPA TO-15 Certifications:	06/21/2024 12:00	06/25/2024 00:39	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.5	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.66	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
67-64-1	Acetone	31		ug/m ³	0.77	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.35	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
71-43-2	Benzene	1.7		ug/m ³	0.51	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	0.83	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-25-2	Bromoform	ND		ug/m ³	1.7	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT



Sample Information

Client Sample ID: SG-5R

York Sample ID: 24F1017-02

York Project (SDG) No.

Client Project ID

Matrix

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353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	TO-CC V, TO-LCS -L	ug/m ³	0.63	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-15-0	Carbon disulfide	1.5		ug/m ³	0.50	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.25	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.74	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-00-3	Chloroethane	ND	TO-CC V, TO-LCS -L	ug/m ³	0.43	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
67-66-3	Chloroform	11		ug/m ³	0.79	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
74-87-3	Chloromethane	2.2	CAL-E, TO-CC V, TO-LCS -L	ug/m ³	0.33	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
156-59-2	cis-1,2-Dichloroethylene	0.26		ug/m ³	0.16	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.73	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
110-82-7	Cyclohexane	ND		ug/m ³	0.55	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.80	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
100-41-4	Ethyl Benzene	1.5		ug/m ³	0.70	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.7	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
67-63-0	Isopropanol	1.5	TO-LCS -L	ug/m ³	0.79	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.66	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.58	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.1	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
91-20-3	* Naphthalene	3.3	CAL-E	ug/m ³	1.7	1.612	EPA TO-15 Certifications: NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT



Sample Information

Client Sample ID: SG-5R

York Sample ID: 24F1017-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m ³	0.66	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
110-54-3	n-Hexane	ND		ug/m ³	0.57	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
95-47-6	o-Xylene	2.4		ug/m ³	0.70	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
179601-23-1	p- & m- Xylenes	5.9		ug/m ³	1.4	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
622-96-8	* p-Ethyltoluene	4.0		ug/m ³	0.79	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
115-07-1	* Propylene	ND		ug/m ³	0.28	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
100-42-5	Styrene	ND		ug/m ³	0.69	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
127-18-4	Tetrachloroethylene	16		ug/m ³	1.1	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.95	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
108-88-3	Toluene	3.4		ug/m ³	0.61	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.64	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.73	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
79-01-6	Trichloroethylene	6.0		ug/m ³	0.22	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-69-4	Trichlorofluoromethane (Freon 11)	3.9		ug/m ³	0.91	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
108-05-4	Vinyl acetate	ND		ug/m ³	0.57	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
593-60-2	Vinyl bromide	ND	TO-LCS -L	ug/m ³	0.71	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT
75-01-4	Vinyl Chloride	ND	TO-CC V, TO-LCS -L	ug/m ³	0.21	1.612	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/25/2024 00:39	LT

Sample Information

Client Sample ID: SG-6R

York Sample ID: 24F1017-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024



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353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	1.61		ug/m ³	0.403	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.94	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.94	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.70	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.17	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m ³	1.3	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
95-63-6	1,2,4-Trimethylbenzene	9.5		ug/m ³	0.85	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.70	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.80	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
108-67-8	1,3,5-Trimethylbenzene	2.0		ug/m ³	0.85	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.80	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT



Sample Information

Client Sample ID: SG-6R

York Sample ID: 24F1017-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	1.2	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
78-93-3	2-Butanone	4.9		ug/m ³	0.51	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
108-10-1	4-Methyl-2-pentanone	ND	TO-LCS -L	ug/m ³	0.71	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
67-64-1	Acetone	81		ug/m ³	0.82	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.37	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
71-43-2	Benzene	1.1		ug/m ³	0.55	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.89	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-25-2	Bromoform	ND		ug/m ³	1.8	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
74-83-9	Bromomethane	ND		ug/m ³	0.67	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-15-0	Carbon disulfide	3.8		ug/m ³	0.54	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
56-23-5	Carbon tetrachloride	0.43		ug/m ³	0.27	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.79	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-00-3	Chloroethane	ND		ug/m ³	0.46	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
67-66-3	Chloroform	ND		ug/m ³	0.84	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
74-87-3	Chloromethane	2.1	TO-CC V	ug/m ³	0.36	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.17	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.78	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
110-82-7	Cyclohexane	0.59		ug/m ³	0.59	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.85	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT



Sample Information

Client Sample ID: SG-6R

York Sample ID: 24F1017-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
100-41-4	Ethyl Benzene	1.9		ug/m ³	0.75	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS -L	ug/m ³	1.8	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
67-63-0	Isopropanol	ND		ug/m ³	0.85	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
80-62-6	Methyl Methacrylate	0.85		ug/m ³	0.71	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.62	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
91-20-3	* Naphthalene	ND	ICVE, TO-LCS -L	ug/m ³	1.8	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
142-82-5	n-Heptane	1.2		ug/m ³	0.71	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
110-54-3	n-Hexane	1.8		ug/m ³	0.61	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
95-47-6	o-Xylene	3.1		ug/m ³	0.75	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
179601-23-1	p- & m- Xylenes	8.0		ug/m ³	1.5	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
622-96-8	* p-Ethyltoluene	5.4		ug/m ³	0.85	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
115-07-1	* Propylene	ND		ug/m ³	0.30	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
100-42-5	Styrene	ND		ug/m ³	0.74	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.2	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
108-88-3	Toluene	5.3		ug/m ³	0.65	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.68	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.78	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
79-01-6	Trichloroethylene	ND	TO-LCS -L	ug/m ³	0.23	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.97	1.726	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 21:22	LT



Sample Information

Client Sample ID: SG-6R

York Sample ID: 24F1017-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.61	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.75	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.22	1.726	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 21:22	LT

Sample Information

Client Sample ID: SG-7R

York Sample ID: 24F1017-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	2.38		ug/m ³	0.411	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.96	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.96	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.71	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.17	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m ³	1.3	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24F1017-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.71	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.81	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
106-99-0	1,3-Butadiene	3.9		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.81	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	1.3	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
78-93-3	2-Butanone	410		ug/m ³	19	64.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 19:31	LT
591-78-6	* 2-Hexanone	57		ug/m ³	1.4	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.8	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
108-10-1	4-Methyl-2-pentanone	1.8	TO-LCS -L	ug/m ³	0.72	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
67-64-1	Acetone	14000		ug/m ³	61	129.43	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/26/2024 12:36	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.38	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
71-43-2	Benzene	19		ug/m ³	0.56	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.91	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-25-2	Bromoform	ND		ug/m ³	1.8	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
74-83-9	Bromomethane	ND		ug/m ³	0.68	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-15-0	Carbon disulfide	0.77		ug/m ³	0.55	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24F1017-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	0.44		ug/m ³	0.28	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.81	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-00-3	Chloroethane	ND		ug/m ³	0.46	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
67-66-3	Chloroform	ND		ug/m ³	0.86	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
74-87-3	Chloromethane	4.3	TO-CC V	ug/m ³	0.36	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.17	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
110-82-7	Cyclohexane	ND		ug/m ³	0.61	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
141-78-6	* Ethyl acetate	33		ug/m ³	1.3	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
100-41-4	Ethyl Benzene	0.76		ug/m ³	0.76	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS -L	ug/m ³	1.9	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
67-63-0	Isopropanol	400		ug/m ³	32	64.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 19:31	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.72	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.63	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
91-20-3	* Naphthalene	ND	ICVE, TO-LCS -L	ug/m ³	1.8	1.76	EPA TO-15 Certifications: NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
142-82-5	n-Heptane	5.8		ug/m ³	0.72	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
110-54-3	n-Hexane	6.5		ug/m ³	0.62	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
95-47-6	o-Xylene	ND		ug/m ³	0.76	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
179601-23-1	p- & m- Xylenes	1.8		ug/m ³	1.5	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT



Sample Information

Client Sample ID: SG-7R

York Sample ID: 24F1017-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.87	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
115-07-1	* Propylene	120		ug/m ³	0.30	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
100-42-5	Styrene	ND		ug/m ³	0.75	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
127-18-4	Tetrachloroethylene	1.4		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.76	EPA TO-15 Certifications:	06/21/2024 12:00	06/24/2024 22:16	LT
108-88-3	Toluene	2.3		ug/m ³	0.66	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.70	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
79-01-6	Trichloroethylene	0.38	TO-LCS -L, B	ug/m ³	0.24	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.99	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
108-05-4	Vinyl acetate	4.2	TO-LCS -L	ug/m ³	0.62	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.77	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT
75-01-4	Vinyl Chloride	0.40	TO-CC V	ug/m ³	0.22	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/21/2024 12:00	06/24/2024 22:16	LT

Sample Information

Client Sample ID: SG-8

York Sample ID: 24F1017-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	1.39		ug/m ³	0.462	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SG-8

York Sample ID: 24F1017-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.4	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.1	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.4	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.5	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.80	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.20	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LCS -L	ug/m ³	1.5	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.97	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.80	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.91	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.4	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.97	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	1.3	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.91	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	1.4	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
78-93-3	2-Butanone	38		ug/m ³	0.58	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
591-78-6	* 2-Hexanone	3.7		ug/m ³	1.6	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT
107-05-1	3-Chloropropene	ND		ug/m ³	3.1	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
108-10-1	4-Methyl-2-pentanone	ND	TO-LCS -L	ug/m ³	0.81	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT



Sample Information

Client Sample ID: SG-8

York Sample ID: 24F1017-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	220		ug/m ³	0.94	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.43	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
71-43-2	Benzene	1.1		ug/m ³	0.63	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
100-44-7	Benzyl chloride	ND		ug/m ³	1.0	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-25-2	Bromoform	ND		ug/m ³	2.0	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
74-83-9	Bromomethane	ND	TO-LCS -L	ug/m ³	0.77	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-15-0	Carbon disulfide	ND		ug/m ³	0.62	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
56-23-5	Carbon tetrachloride	0.37		ug/m ³	0.31	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.91	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-00-3	Chloroethane	ND		ug/m ³	0.52	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
67-66-3	Chloroform	ND		ug/m ³	0.97	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
74-87-3	Chloromethane	1.9	TO-LCS -L	ug/m ³	0.41	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.20	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.90	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
110-82-7	Cyclohexane	ND		ug/m ³	0.68	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.98	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.4	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT
100-41-4	Ethyl Benzene	ND		ug/m ³	0.86	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
87-68-3	Hexachlorobutadiene	ND	TO-LCS -L	ug/m ³	2.1	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
67-63-0	Isopropanol	4.0		ug/m ³	0.97	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.81	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT



Sample Information

Client Sample ID: SG-8

York Sample ID: 24F1017-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.71	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-09-2	Methylene chloride	ND		ug/m ³	1.4	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
91-20-3	* Naphthalene	ND	TO-LCS -L	ug/m ³	2.1	1.977	EPA TO-15 Certifications: NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
142-82-5	n-Heptane	1.1		ug/m ³	0.81	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
110-54-3	n-Hexane	2.1		ug/m ³	0.70	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
95-47-6	o-Xylene	0.94		ug/m ³	0.86	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
179601-23-1	p- & m- Xylenes	2.3		ug/m ³	1.7	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.97	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
115-07-1	* Propylene	8.3		ug/m ³	0.34	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT
100-42-5	Styrene	ND		ug/m ³	0.84	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
127-18-4	Tetrachloroethylene	2.3		ug/m ³	1.3	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.2	1.977	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 17:50	LT
108-88-3	Toluene	2.2		ug/m ³	0.75	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.78	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.90	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
79-01-6	Trichloroethylene	ND	TO-LCS -L	ug/m ³	0.27	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	1.1	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.70	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
593-60-2	Vinyl bromide	ND		ug/m ³	0.86	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	0.25	1.977	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 17:50	LT



Sample Information

Client Sample ID: SV-9

York Sample ID: 24F1017-06

York Project (SDG) No.

24F1017

Client Project ID

353 McKibbin St Brooklyn - A22-116

Matrix

Vapor Extraction

Collection Date/Time

June 13, 2024 12:00 am

Date Received

06/14/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	2.06		ug/m ³	0.411	1.76	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 18:44	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 18:44	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.96	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.96	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.71	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.17	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LCS -L	ug/m ³	1.3	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
95-63-6	1,2,4-Trimethylbenzene	5.8		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.71	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.81	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
108-67-8	1,3,5-Trimethylbenzene	1.3		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
106-99-0	1,3-Butadiene	ND	TO-LCS -L	ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.81	1.76	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 18:44	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	1.3	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT



Sample Information

Client Sample ID: SV-9

York Sample ID: 24F1017-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F1017

353 McKibbin St Brooklyn - A22-116

Vapor Extraction

June 13, 2024 12:00 am

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	3.9		ug/m ³	0.52	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.76	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 18:44	LT
107-05-1	3-Chloropropene	ND		ug/m ³	2.8	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
108-10-1	4-Methyl-2-pentanone	0.79	TO-LCS -L	ug/m ³	0.72	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
67-64-1	Acetone	41		ug/m ³	0.84	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
107-13-1	Acrylonitrile	1.7		ug/m ³	0.38	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
71-43-2	Benzene	1.3		ug/m ³	0.56	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
100-44-7	Benzyl chloride	ND		ug/m ³	0.91	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-25-2	Bromoform	ND		ug/m ³	1.8	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
74-83-9	Bromomethane	ND	TO-LCS -L	ug/m ³	0.68	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-15-0	Carbon disulfide	ND		ug/m ³	0.55	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
56-23-5	Carbon tetrachloride	0.33		ug/m ³	0.28	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
108-90-7	Chlorobenzene	ND		ug/m ³	0.81	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-00-3	Chloroethane	ND		ug/m ³	0.46	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
67-66-3	Chloroform	ND		ug/m ³	0.86	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
74-87-3	Chloromethane	1.1	TO-LCS -L	ug/m ³	0.36	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.17	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
110-82-7	Cyclohexane	0.73		ug/m ³	0.61	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.76	EPA TO-15 Certifications:	06/25/2024 12:00	06/25/2024 18:44	LT



Sample Information

Client Sample ID: SV-9

York Sample ID: 24F1017-06

York Project (SDG) No.

24F1017

Client Project ID

353 McKibbin St Brooklyn - A22-116

Matrix

Vapor Extraction

Collection Date/Time

June 13, 2024 12:00 am

Date Received

06/14/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	2.2		ug/m ³	0.76	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
87-68-3	Hexachlorobutadiene	ND	TO-LCS -L	ug/m ³	1.9	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
67-63-0	Isopropanol	4.2		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
80-62-6	Methyl Methacrylate	1.1		ug/m ³	0.72	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.63	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-09-2	Methylene chloride	1.5		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
91-20-3	* Naphthalene	ND	TO-LCS -L	ug/m ³	1.8	1.76	EPA TO-15 Certifications: NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
142-82-5	n-Heptane	1.5		ug/m ³	0.72	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
110-54-3	n-Hexane	2.3		ug/m ³	0.62	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
95-47-6	o-Xylene	3.1		ug/m ³	0.76	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
179601-23-1	p- & m- Xylenes	7.7		ug/m ³	1.5	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
622-96-8	* p-Ethyltoluene	3.8		ug/m ³	0.87	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
115-07-1	* Propylene	3.2		ug/m ³	0.30	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
100-42-5	Styrene	ND		ug/m ³	0.75	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
127-18-4	Tetrachloroethylene	12		ug/m ³	1.2	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
108-88-3	Toluene	7.3		ug/m ³	0.66	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.70	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
79-01-6	Trichloroethylene	ND	TO-LCS -L	ug/m ³	0.24	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.99	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.62	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT



Sample Information

<u>Client Sample ID:</u>		SV-9	<u>York Sample ID:</u>		24F1017-06
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24F1017	353 McKibbin St Brooklyn - A22-116	Vapor Extraction	June 13, 2024 12:00 am	06/14/2024	

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.77	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT
75-01-4	Vinyl Chloride	ND		ug/m³	0.22	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/25/2024 12:00	06/25/2024 18:44	LT



Analytical Batch Summary

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

YORK Sample ID	Client Sample ID	Preparation Date
24F1017-03	SG-6R	06/21/24
24F1017-04	SG-7R	06/21/24
BF41600-BLK1	Blank	06/24/24
BF41600-BS1	LCS	06/24/24

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

YORK Sample ID	Client Sample ID	Preparation Date
24F1017-02	SG-5R	06/21/24
BF41601-BLK1	Blank	06/24/24
BF41601-BS1	LCS	06/24/24
BF41601-DUP1	Duplicate	06/24/24

Batch ID: BF41711 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24F1017-04RE1	SG-7R	06/25/24
24F1017-04RE2	SG-7R	06/25/24
24F1017-05	SG-8	06/25/24
24F1017-06	SV-9	06/25/24
BF41711-BLK1	Blank	06/25/24
BF41711-BS1	LCS	06/25/24

Batch ID: BF41712 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
24F1017-01	SV-4	06/25/24
BF41712-BLK1	Blank	06/25/24
BF41712-BS1	LCS	06/25/24



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

Batch BF41600 - EPA TO15 PREP

Blank (BF41600-BLK1)

Prepared & Analyzed: 06/24/2024

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



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 BF41600 - EPA TO15 PREP

Blank (BF41600-BLK1)

Prepared & Analyzed: 06/24/2024

Methylene chloride	ND	0.69	ug/m ³
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	0.21	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BF41600-BS1)

Prepared & Analyzed: 06/24/2024

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



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 BF41600 - EPA TO15 PREP

LCS (BF41600-BS1)

Prepared & Analyzed: 06/24/2024

Bromoform	8.30		ppbv	10.0		83.0	70-130				
Bromomethane	8.17		"	10.0		81.7	70-130				
Carbon disulfide	7.63		"	10.0		76.3	70-130				
Carbon tetrachloride	8.12		"	10.0		81.2	70-130				
Chlorobenzene	7.63		"	10.0		76.3	70-130				
Chloroethane	8.10		"	10.0		81.0	70-130				
Chloroform	8.04		"	10.0		80.4	70-130				
Chloromethane	11.5		"	10.0		115	70-130				
cis-1,2-Dichloroethylene	8.57		"	10.0		85.7	70-130				
cis-1,3-Dichloropropylene	7.51		"	10.0		75.1	70-130				
Cyclohexane	8.15		"	10.0		81.5	70-130				
Dibromochloromethane	7.72		"	10.0		77.2	70-130				
Dichlorodifluoromethane	7.86		"	10.0		78.6	70-130				
Ethyl acetate	7.79		"	10.0		77.9	70-130				
Ethyl Benzene	7.85		"	10.0		78.5	70-130				
Hexachlorobutadiene	5.29		"	10.0		52.9	70-130	Low Bias			
Isopropanol	7.31		"	10.0		73.1	70-130				
Methyl Methacrylate	7.36		"	10.0		73.6	70-130				
Methyl tert-butyl ether (MTBE)	8.55		"	10.0		85.5	70-130				
Methylene chloride	7.38		"	10.0		73.8	70-130				
Naphthalene	5.89		"	10.0		58.9	70-130	Low Bias			
n-Heptane	8.40		"	10.0		84.0	70-130				
n-Hexane	8.33		"	10.0		83.3	70-130				
o-Xylene	8.09		"	10.0		80.9	70-130				
p- & m- Xylenes	16.2		"	20.0		81.2	70-130				
p-Ethyltoluene	8.78		"	10.0		87.8	70-130				
Propylene	7.82		"	10.0		78.2	70-130				
Styrene	8.61		"	10.0		86.1	70-130				
Tetrachloroethylene	7.45		"	10.0		74.5	70-130				
Tetrahydrofuran	7.89		"	10.0		78.9	70-130				
Toluene	7.30		"	10.0		73.0	70-130				
trans-1,2-Dichloroethylene	7.96		"	10.0		79.6	70-130				
trans-1,3-Dichloropropylene	7.50		"	10.0		75.0	70-130				
Trichloroethylene	6.82		"	10.0		68.2	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	8.18		"	10.0		81.8	70-130				
Vinyl acetate	6.73		"	10.0		67.3	70-130	Low Bias			
Vinyl bromide	8.48		"	10.0		84.8	70-130				
Vinyl Chloride	10.4		"	10.0		104	70-130				



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BF41601 - EPA TO15 PREP

Blank (BF41601-BLK1)

Prepared & Analyzed: 06/24/2024

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



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 BF41601 - EPA TO15 PREP

Blank (BF41601-BLK1)

Prepared & Analyzed: 06/24/2024

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 (BF41601-BS1)

Prepared & Analyzed: 06/24/2024

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



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 BF41601 - EPA TO15 PREP

LCS (BF41601-BS1)

Prepared & Analyzed: 06/24/2024

Bromomethane	5.80		ppbv	10.0		58.0	70-130	Low Bias		
Carbon disulfide	9.32		"	10.0		93.2	70-130			
Carbon tetrachloride	9.28		"	10.0		92.8	70-130			
Chlorobenzene	10.5		"	10.0		105	70-130			
Chloroethane	5.41		"	10.0		54.1	70-130	Low Bias		
Chloroform	9.61		"	10.0		96.1	70-130			
Chloromethane	6.41		"	10.0		64.1	70-130	Low Bias		
cis-1,2-Dichloroethylene	9.46		"	10.0		94.6	70-130			
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130			
Cyclohexane	9.59		"	10.0		95.9	70-130			
Dibromochloromethane	11.2		"	10.0		112	70-130			
Dichlorodifluoromethane	9.30		"	10.0		93.0	70-130			
Ethyl acetate	10.4		"	10.0		104	70-130			
Ethyl Benzene	10.8		"	10.0		108	70-130			
Hexachlorobutadiene	9.53		"	10.0		95.3	70-130			
Isopropanol	6.94		"	10.0		69.4	70-130	Low Bias		
Methyl Methacrylate	11.0		"	10.0		110	70-130			
Methyl tert-butyl ether (MTBE)	9.48		"	10.0		94.8	70-130			
Methylene chloride	8.47		"	10.0		84.7	70-130			
Naphthalene	11.4		"	10.0		114	70-130			
n-Heptane	9.59		"	10.0		95.9	70-130			
n-Hexane	9.57		"	10.0		95.7	70-130			
o-Xylene	10.6		"	10.0		106	70-130			
p- & m- Xylenes	20.8		"	20.0		104	70-130			
p-Ethyltoluene	9.91		"	10.0		99.1	70-130			
Propylene	9.52		"	10.0		95.2	70-130			
Styrene	11.2		"	10.0		112	70-130			
Tetrachloroethylene	10.3		"	10.0		103	70-130			
Tetrahydrofuran	10.0		"	10.0		100	70-130			
Toluene	10.6		"	10.0		106	70-130			
trans-1,2-Dichloroethylene	9.35		"	10.0		93.5	70-130			
trans-1,3-Dichloropropylene	11.5		"	10.0		115	70-130			
Trichloroethylene	10.4		"	10.0		104	70-130			
Trichlorofluoromethane (Freon 11)	7.90		"	10.0		79.0	70-130			
Vinyl acetate	8.64		"	10.0		86.4	70-130			
Vinyl bromide	6.38		"	10.0		63.8	70-130	Low Bias		
Vinyl Chloride	6.43		"	10.0		64.3	70-130	Low Bias		



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 BF41601 - EPA TO15 PREP											
Duplicate (BF41601-DUP1)	*Source sample: 24F1318-05 (Duplicate)						Prepared: 06/24/2024 Analyzed: 06/25/2024				
1,1,1,2-Tetrachloroethane	ND	0.60	ug/m ³		ND					25	
2,2,4-Trimethylpentane	2.19	0.203	"		2.07				5.71	25	
1,1,1-Trichloroethane	ND	0.47	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.60	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.67	"		ND					25	
1,1,2-Trichloroethane	ND	0.47	"		ND					25	
1,1-Dichloroethane	ND	0.35	"		ND					25	
1,1-Dichloroethylene	ND	0.086	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.64	"		ND					25	
1,2,4-Trimethylbenzene	2.5	0.43	"		2.3				7.02	25	
1,2-Dibromoethane	ND	0.67	"		ND					25	
1,2-Dichlorobenzene	ND	0.52	"		ND					25	
1,2-Dichloroethane	ND	0.35	"		ND					25	
1,2-Dichloropropane	ND	0.40	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.61	"		ND					25	
1,3,5-Trimethylbenzene	1.1	0.43	"		1.1				0.00	25	
1,3-Butadiene	ND	0.58	"		ND					25	
1,3-Dichlorobenzene	ND	0.52	"		ND					25	
1,3-Dichloropropane	ND	0.40	"		ND					25	
1,4-Dichlorobenzene	ND	0.52	"		ND					25	
1,4-Dioxane	ND	0.63	"		ND					25	
2-Butanone	3.6	0.26	"		3.5				2.15	25	
2-Hexanone	ND	0.71	"		ND					25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	0.68	0.36	"		0.71				5.13	25	
Acetone	43	0.41	"		58				30.2	25	Non-dir.
Acrylonitrile	0.58	0.19	"		0.75				25.4	25	Non-dir.
Benzene	1.1	0.28	"		1.0				8.00	25	
Benzyl chloride	ND	0.45	"		ND					25	
Bromodichloromethane	ND	0.58	"		ND					25	
Bromoform	ND	0.90	"		ND					25	
Bromomethane	ND	0.34	"		ND					25	
Carbon disulfide	0.70	0.27	"		0.84				17.5	25	
Carbon tetrachloride	0.44	0.14	"		0.44				0.00	25	
Chlorobenzene	ND	0.40	"		ND					25	
Chloroethane	ND	0.23	"		ND					25	
Chloroform	0.81	0.42	"		0.72				11.1	25	
Chloromethane	1.1	0.18	"		1.1				0.00	25	
cis-1,2-Dichloroethylene	ND	0.086	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.39	"		ND					25	
Cyclohexane	1.3	0.30	"		1.3				0.00	25	
Dibromochloromethane	ND	0.74	"		ND					25	
Dichlorodifluoromethane	2.3	0.43	"		2.2				3.77	25	
Ethyl acetate	1.2	0.63	"		1.1				11.1	25	
Ethyl Benzene	1.6	0.38	"		1.5				2.41	25	
Hexachlorobutadiene	ND	0.93	"		ND					25	
Isopropanol	120	0.43	"		170				35.2	25	Non-dir.
Methyl Methacrylate	ND	0.36	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.31	"		ND					25	
Methylene chloride	4.9	0.60	"		6.5				27.7	25	Non-dir.



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 BF41601 - EPA TO15 PREP

Duplicate (BF41601-DUP1)		*Source sample: 24F1318-05 (Duplicate)					Prepared: 06/24/2024 Analyzed: 06/25/2024				
Naphthalene	1.2	0.91	ug/m ³		1.1				3.92	25	
n-Heptane	2.7	0.36	"		2.7				1.32	25	
n-Hexane	5.7	0.31	"		6.1				6.25	25	
o-Xylene	1.7	0.38	"		1.7				0.00	25	
p- & m- Xylenes	4.2	0.75	"		4.1				2.71	25	
p-Ethyltoluene	1.7	0.43	"		1.7				2.53	25	
Propylene	ND	0.15	"		ND					25	
Styrene	3.6	0.37	"		3.4				5.24	25	
Tetrachloroethylene	1.0	0.59	"		1.0				0.00	25	
Tetrahydrofuran	1.3	0.51	"		1.2				2.06	25	
Toluene	12	0.33	"		11				4.58	25	
trans-1,2-Dichloroethylene	16	0.34	"		17				7.59	25	
trans-1,3-Dichloropropylene	ND	0.39	"		ND					25	
Trichloroethylene	23	0.12	"		22				3.56	25	
Trichlorofluoromethane (Freon 11)	0.98	0.49	"		1.1				9.52	25	
Vinyl acetate	ND	0.31	"		ND					25	
Vinyl bromide	ND	0.38	"		ND					25	
Vinyl Chloride	ND	0.11	"		ND					25	

Batch BF41711 - EPA TO15 PREP

Blank (BF41711-BLK1)		Prepared & Analyzed: 06/25/2024									
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
2,2,4-Trimethylpentane	ND	0.234	"								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								



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 BF41711 - EPA TO15 PREP

Blank (BF41711-BLK1)

Prepared & Analyzed: 06/25/2024

Bromodichloromethane	ND	0.67	ug/m ³
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	"
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

Batch BF41711 - EPA TO15 PREP

LCS (BF41711-BS1)

Prepared & Analyzed: 06/25/2024

1,1,1,2-Tetrachloroethane	7.59		ppbv	10.0		75.9	70-130				
2,2,4-Trimethylpentane	8.05		"	10.0		80.5	70-130				
1,1,1-Trichloroethane	8.11		"	10.0		81.1	70-130				
1,1,2,2-Tetrachloroethane	7.37		"	10.0		73.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.86		"	10.0		78.6	70-130				
1,1,2-Trichloroethane	7.23		"	10.0		72.3	70-130				
1,1-Dichloroethane	7.61		"	10.0		76.1	70-130				
1,1-Dichloroethylene	7.52		"	10.0		75.2	70-130				
1,2,4-Trichlorobenzene	5.77		"	10.0		57.7	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.40		"	10.0		84.0	70-130				
1,2-Dibromoethane	7.33		"	10.0		73.3	70-130				
1,2-Dichlorobenzene	7.56		"	10.0		75.6	70-130				
1,2-Dichloroethane	7.90		"	10.0		79.0	70-130				
1,2-Dichloropropane	7.12		"	10.0		71.2	70-130				
1,2-Dichlorotetrafluoroethane	7.33		"	10.0		73.3	70-130				
1,3,5-Trimethylbenzene	8.14		"	10.0		81.4	70-130				
1,3-Butadiene	6.32		"	10.0		63.2	70-130	Low Bias			
1,3-Dichlorobenzene	7.65		"	10.0		76.5	70-130				
1,3-Dichloropropane	7.03		"	10.0		70.3	70-130				
1,4-Dichlorobenzene	7.49		"	10.0		74.9	70-130				
1,4-Dioxane	6.59		"	10.0		65.9	70-130	Low Bias			
2-Butanone	7.49		"	10.0		74.9	70-130				
2-Hexanone	7.25		"	10.0		72.5	70-130				
3-Chloropropene	7.70		"	10.0		77.0	70-130				
4-Methyl-2-pentanone	6.85		"	10.0		68.5	70-130	Low Bias			
Acetone	8.94		"	10.0		89.4	70-130				
Acrylonitrile	8.07		"	10.0		80.7	70-130				
Benzene	7.65		"	10.0		76.5	70-130				
Benzyl chloride	7.39		"	10.0		73.9	70-130				
Bromodichloromethane	7.31		"	10.0		73.1	70-130				
Bromoform	8.45		"	10.0		84.5	70-130				
Bromomethane	6.86		"	10.0		68.6	70-130	Low Bias			
Carbon disulfide	7.51		"	10.0		75.1	70-130				
Carbon tetrachloride	8.02		"	10.0		80.2	70-130				
Chlorobenzene	7.48		"	10.0		74.8	70-130				
Chloroethane	8.06		"	10.0		80.6	70-130				
Chloroform	7.82		"	10.0		78.2	70-130				
Chloromethane	6.96		"	10.0		69.6	70-130	Low Bias			
cis-1,2-Dichloroethylene	8.38		"	10.0		83.8	70-130				
cis-1,3-Dichloropropylene	7.39		"	10.0		73.9	70-130				
Cyclohexane	8.04		"	10.0		80.4	70-130				
Dibromochloromethane	7.76		"	10.0		77.6	70-130				
Dichlorodifluoromethane	8.55		"	10.0		85.5	70-130				
Ethyl acetate	7.78		"	10.0		77.8	70-130				
Ethyl Benzene	7.60		"	10.0		76.0	70-130				
Hexachlorobutadiene	5.94		"	10.0		59.4	70-130	Low Bias			
Isopropanol	7.12		"	10.0		71.2	70-130				
Methyl Methacrylate	7.29		"	10.0		72.9	70-130				
Methyl tert-butyl ether (MTBE)	8.40		"	10.0		84.0	70-130				
Methylene chloride	7.19		"	10.0		71.9	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

Batch BF41711 - EPA TO15 PREP

LCS (BF41711-BS1)

Prepared & Analyzed: 06/25/2024

Naphthalene	5.98		ppbv	10.0		59.8	70-130	Low Bias
n-Heptane	8.21		"	10.0		82.1	70-130	
n-Hexane	8.06		"	10.0		80.6	70-130	
o-Xylene	7.93		"	10.0		79.3	70-130	
p- & m- Xylenes	16.0		"	20.0		80.0	70-130	
p-Ethyltoluene	8.68		"	10.0		86.8	70-130	
Propylene	8.33		"	10.0		83.3	70-130	
Styrene	8.52		"	10.0		85.2	70-130	
Tetrachloroethylene	7.68		"	10.0		76.8	70-130	
Tetrahydrofuran	7.71		"	10.0		77.1	70-130	
Toluene	7.27		"	10.0		72.7	70-130	
trans-1,2-Dichloroethylene	7.91		"	10.0		79.1	70-130	
trans-1,3-Dichloropropylene	7.49		"	10.0		74.9	70-130	
Trichloroethylene	6.70		"	10.0		67.0	70-130	Low Bias
Trichlorofluoromethane (Freon 11)	7.97		"	10.0		79.7	70-130	
Vinyl acetate	6.64		"	10.0		66.4	70-130	Low Bias
Vinyl bromide	8.37		"	10.0		83.7	70-130	
Vinyl Chloride	7.51		"	10.0		75.1	70-130	

Batch BF41712 - EPA TO15 PREP

Blank (BF41712-BLK1)

Prepared & Analyzed: 06/25/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
2,2,4-Trimethylpentane	ND	0.234	"
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"



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 BF41712 - EPA TO15 PREP

Blank (BF41712-BLK1)

Prepared & Analyzed: 06/25/2024

Bromodichloromethane	ND	0.67	ug/m ³
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	"
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
Batch BF41712 - EPA TO15 PREP											
LCS (BF41712-BS1)						Prepared & Analyzed: 06/25/2024					
1,1,1,2-Tetrachloroethane	11.3		ppbv	10.0		113	70-130				
2,2,4-Trimethylpentane	11.6		"	10.0		116	70-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130				
1,1,2,2-Tetrachloroethane	12.2		"	10.0		122	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130				
1,1,2-Trichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethylene	10.6		"	10.0		106	70-130				
1,2,4-Trichlorobenzene	7.86		"	10.0		78.6	70-130				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromoethane	11.7		"	10.0		117	70-130				
1,2-Dichlorobenzene	10.7		"	10.0		107	70-130				
1,2-Dichloroethane	10.9		"	10.0		109	70-130				
1,2-Dichloropropane	11.2		"	10.0		112	70-130				
1,2-Dichlorotetrafluoroethane	10.5		"	10.0		105	70-130				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,3-Butadiene	9.00		"	10.0		90.0	70-130				
1,3-Dichlorobenzene	9.07		"	10.0		90.7	70-130				
1,3-Dichloropropane	11.3		"	10.0		113	70-130				
1,4-Dichlorobenzene	9.26		"	10.0		92.6	70-130				
1,4-Dioxane	13.2		"	10.0		132	70-130	High Bias			
2-Butanone	11.4		"	10.0		114	70-130				
2-Hexanone	14.0		"	10.0		140	70-130	High Bias			
3-Chloropropene	11.6		"	10.0		116	70-130				
4-Methyl-2-pentanone	11.8		"	10.0		118	70-130				
Acetone	10.9		"	10.0		109	70-130				
Acrylonitrile	11.2		"	10.0		112	70-130				
Benzene	10.6		"	10.0		106	70-130				
Benzyl chloride	7.07		"	10.0		70.7	70-130				
Bromodichloromethane	11.4		"	10.0		114	70-130				
Bromoform	11.5		"	10.0		115	70-130				
Bromomethane	11.1		"	10.0		111	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	10.5		"	10.0		105	70-130				
Chlorobenzene	10.9		"	10.0		109	70-130				
Chloroethane	11.2		"	10.0		112	70-130				
Chloroform	11.0		"	10.0		110	70-130				
Chloromethane	8.24		"	10.0		82.4	70-130				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	70-130				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Cyclohexane	11.2		"	10.0		112	70-130				
Dibromochloromethane	11.6		"	10.0		116	70-130				
Dichlorodifluoromethane	11.2		"	10.0		112	70-130				
Ethyl acetate	12.2		"	10.0		122	70-130				
Ethyl Benzene	11.8		"	10.0		118	70-130				
Hexachlorobutadiene	10.6		"	10.0		106	70-130				
Isopropanol	11.3		"	10.0		113	70-130				
Methyl Methacrylate	11.3		"	10.0		113	70-130				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	70-130				
Methylene chloride	9.89		"	10.0		98.9	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

Batch BF41712 - EPA TO15 PREP

LCS (BF41712-BS1)

Prepared & Analyzed: 06/25/2024

Naphthalene	13.0		ppbv	10.0		130	70-130				
n-Heptane	11.3		"	10.0		113	70-130				
n-Hexane	11.2		"	10.0		112	70-130				
o-Xylene	12.2		"	10.0		122	70-130				
p- & m- Xylenes	23.3		"	20.0		116	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
Propylene	12.2		"	10.0		122	70-130				
Styrene	12.9		"	10.0		129	70-130				
Tetrachloroethylene	10.7		"	10.0		107	70-130				
Tetrahydrofuran	11.0		"	10.0		110	70-130				
Toluene	11.5		"	10.0		115	70-130				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
trans-1,3-Dichloropropylene	12.1		"	10.0		121	70-130				
Trichloroethylene	11.0		"	10.0		110	70-130				
Trichlorofluoromethane (Freon 11)	10.8		"	10.0		108	70-130				
Vinyl acetate	9.99		"	10.0		99.9	70-130				
Vinyl bromide	10.7		"	10.0		107	70-130				
Vinyl Chloride	8.96		"	10.0		89.6	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-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).
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.



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Field Chain-of-Custody Record - AIR

YORK Project No.
24F1017

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

Your

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	YOUR Project Name	YOUR Project Number	RUSH - Next Day	RUSH - Two Day
Laurel Environmental	53 West Hill Road Huntington Station, NY 11746	Scott		Kathy		353 McKissick Street Brooklyn, NY	A22-116	RUSH - Three Day	RUSH - Four Day
Phone: (631) 673-0612								Standard (5-7 Day)	
Contact: Scott Vancura									
E-mail: labresults@laurelenv.com									
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around time clock will not begin until any questions by YORK are resolved.									
Nicholas Kidero <i>Nick Kidero</i> Samples Collected by: (print your name above and sign below)		Air Matrix Codes AI - Indoor Ambient Air AO - Outdoor Ambient Air AE - Vapor Extraction Well AS - Soil Vapor/Sub-Slab		Samples From New York New Jersey Connecticut Pennsylvania Other:		Report / EDD Type (circle selections) CT RCP CT RCP DQ/DUE NUDEP Reduced Deliv. NUDEP SRP HazSite		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Certified Canisters: Batch _____ Individual _____									
Please enter the following REQUIRED Field Data									
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested		
SV-4	6/13/24	AE	-30	-7	48293	6063	TU-15		
SG-5R	6/13/24	AE	-30	-6	44564	6168	TU-15		
SG-6R	6/13/24	AE	-30	-6	36611	14341	TU-15		
SG-7R	6/13/24	AE	-30	-7	44579	14183	TU-15		
SG-8	6/13/24	AE	-30	-9	36994	1438	TU-15		
SV-9	6/13/24	AE	-30	-8	25943	7607	TU-15		
Reporting Units: ug/m³ ppbv ppmv									
Comments:									
Samples Retained by I Company <i>ML</i> Samples Retained by I Company		Samples Received by I Company <i>6/14/24</i> Samples Received by I Company		Detection Limits Required ≤ 1 ug/m³ NYSOEC V1 Limits Routine Survey		Sampling Media 6 Liter Canister Tedlar Bag		Date/Time 6/14/24	
Samples Retained by I Company <i>ML</i> Samples Received by I Company		Samples Received by I Company <i>6/14/24</i> Samples Received by I Company		Detection Limits Required ≤ 1 ug/m³ NYSOEC V1 Limits Routine Survey		Sampling Media 6 Liter Canister Tedlar Bag		Date/Time 6/14/24	
Samples Retained by I Company <i>ML</i> Samples Received by I Company		Samples Received by I Company <i>6/14/24</i> Samples Received by I Company		Detection Limits Required ≤ 1 ug/m³ NYSOEC V1 Limits Routine Survey		Sampling Media 6 Liter Canister Tedlar Bag		Date/Time 6/14/24	

APPENDIX C

Soil Vapor Extraction System Field Measurements

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY

Date: June 13, 2024

SVE Blower 1 20601.6 Hours

SVE Blower 2 20820.6 Hours

Vapor extraction leg	Vacuum inches of water	Flow Range ft per minute
1A	0.6	16
1B	0.1	16
2A	0.1	17
2B	0.1	18
3A	0.7	18
3B	0.5	20
4A	N/A	N/A
4B	N/A	N/A

Note: N/A – System leg is not operational.



ADVANCED SITE RESTORATION

ENVIRONMENTAL GEOSCIENCES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

October 1, 2024

Ms. Jennifer Gonzalez
New York State Department of Environmental Conservation – Region 2
47-40 21st Street, Long Island City, NY 11206

Re: Quarterly Site Report (Q4 2023-24) for 353 McKibbin Street, Brooklyn, NY 11206
NYSDEC Site # BCP C224102 – **ASR** Project# A22-116

Dear Ms. Gonzalez,

Advanced Site Restoration Environmental Geosciences (“ASR”), a division of **Laurel Environmental Geosciences, DPC. (“Laurel”)**, is pleased to submit this quarterly site report (“QSR”) documenting required quarterly on-site groundwater monitoring well sampling, soil vapor sampling, and assessment of the on-site remedial systems at the property located at 353 McKibbin Street, New York, NY (“Site”). This reporting period includes July, August, and September 2024. The location of the Site is shown on the Site Location Map as Figure 1.0. The purpose of this report is to provide a summary of quarterly groundwater and soil vapor monitoring results, and an assessment of the on-site remediation systems, as required by the New York State Department of Environmental Conservation (“NYSDEC”) under the Brownfields Cleanup Program (“BCP”) with respect to Site #BCP C224102.

Site Background

A total of seven (7) groundwater monitoring wells and six (6) soil vapor monitoring points are present at the Site to monitor on-site concentrations of volatile organic compounds (“VOCs”) and the effectiveness of engineering controls, including the on-site soil vapor extraction (“SVE”) system. The 2007 Remedial Investigation identified elevated concentrations of VOCs including tetrachloroethylene (“PCE”) trichloroethylene (“TCE”) and various non-chlorinated petroleum compounds in soil, soil vapor, and groundwater. Remediation of the Site took place between June 2010 and June 2011, and a BCP Certificate of Completion was issued in December 2011. The locations of all monitoring wells and soil vapor monitoring points are shown on Figure 2.0.

The groundwater monitoring well MW-7 was destroyed during replacement of the sidewalk along Boerum Street. The soil vapor monitoring point SG-5R was also damaged during sidewalk replacement. The vapor monitoring point SV-9 was also observed to have been damaged. Replacement of the well and vapor monitoring points took place in January 2024, and sampling of the replacement well and vapor monitoring points resumed in March 2024.

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Groundwater Contour Map

Prior to purging, each monitoring well was gauged for the presence of free product, and depths to water were recorded. No product was encountered in any of the on-site monitoring wells. Depth to water readings were combined with an existing survey to calculate groundwater elevations and to construct a groundwater contour map for showing localized groundwater flow at the Site. Groundwater elevation calculations shown in Table I of this report. Groundwater was determined to be flowing towards the southeast at the Site. The resultant groundwater contour map is shown on Figure 3.0.

Groundwater Sampling Procedure

Prior to sampling, each monitoring well was purged a minimum of three (3) casing volumes of water using low-flow sampling techniques. Upon completion of purging, groundwater quality data was collected utilizing an YSI 600 XL MP Sonde Multiparameter water quality meter and a Hanna® turbidity meter or similar instruments. Three (3) rounds of groundwater quality readings were taken at five-minute intervals from each well. The readings were recorded and evaluated to confirm that the groundwater conditions had stabilized and that a representative groundwater sample was being obtained. Groundwater samples were collected from each accessible monitoring well utilizing low-flow sampling techniques. The groundwater samples were collected in appropriate laboratory-supplied containers, were stored on ice, and transported via laboratory courier, under chain-of-custody procedures, to York Laboratories Inc. in Stratford Connecticut, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID No. 10854), under chain of custody (COC) procedures. Disposable sampling materials were double bagged and disposed of as municipal waste, and purge water was returned to the monitoring well from which it was produced. Groundwater quality readings for each monitoring well are included in Table II of this report.

Groundwater Analytical Results

The groundwater samples were analyzed for the presence of VOCs by United States Environmental Protection Agency (“USEPA”) Method 8260. Laboratory analytical results are summarized in Table III of this report, and the laboratory data package is attached to this report as Appendix A.

Groundwater analytical results were compared against the NYSDEC Technical and Operational Guidance Series (“TOGS”) Standards and Guidance Values for Class GA groundwater. VOCs were detected above the NYSDEC TOGS Standards and Guidance Values for Class GA groundwater in groundwater monitoring well MW-8, MW-10DR, MW-11, and MW-12. Trichloroethylene was detected in exceedance of TOGS Standards in the wells MW-8, MW-



10DR, MW-11, and MW-12. Tetrachloroethylene was detected at concentrations in exceedance of TOGS Standards in MW-10DR. Cis-1,2 dichloroethylene was detected at a concentration in exceedance of TOGS Standards in MW-10D and MW-11. Trans-1,2- dichloroethylene.

Groundwater Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each monitoring well are shown in Table IV of this report.

The monitoring wells continue to contain concentrations of VOCs above NYSDEC TOGS for Class GA Groundwater. Concentrations appear to either be stable or variably increasing or decreasing, depending on the monitoring well and compound.

Soil Vapor Sampling Procedure

A laboratory certified six-liter Summa canister with associated flow controller are used to collect soil vapor samples from each of the six monitoring points. The samples were collected across two hours, at a rate of three (3) liters per hour. The canisters were connected to tubing that is connected to the vapor monitoring points located beneath the surface. Following collection of the samples, the canisters were delivered to York via courier for analysis.

Soil Vapor Analytical Results

The soil vapor samples were analyzed for VOCs using Method TO-15. Laboratory analytical results are summarized in Table V, and the laboratory analytical report is included in Appendix B. The VOC trichloroethylene was detected in the sample SG-6R and SG-8. Concentrations appear to be stable from previous sampling events.

Soil Vapor Historical Trends

A comparison table depicting historical concentrations of tetrachloroethylene, trichloroethylene, cis-1,2 dichloroethylene, vinyl chloride, and total VOCs for each monitoring well are shown in Table VI of this report.

The concentrations of VOCs in the vapor monitoring points remained stable, indicating the SVE system's effectiveness. The concentration of the compound acetone in the vapor sample SG-7R has been markedly increased from previous sampling events in the March and June sampling events; however, in this September sampling event, acetone has decreased. Acetone is a common laboratory contaminant, and its concentration will continue to be monitored in future sampling events.

SVE System Assessment

Each quarter, readings are collected from the SVE System to assess the system's effectiveness and determine if any corrective actions are needed. The run times for the two (2) SVE System blowers are recorded. Additionally, the vacuum and flow ranges are measured from each of the vapor extraction legs. The field measurements sheet is included in Appendix C. The system was operating at the time of the sampling event. Due to electrical issues at the site, the system was out of operation in late August 2024. Based on the run times observed in the system, the system is operating effectively, other than the noted downtime. All vacuum and flow rate readings indicated that the system was operating properly.

Conclusions and Recommendations

Groundwater and soil vapor analytical results from the September 2024 quarterly sampling event showed VOCs remaining stable from previous sampling events in groundwater and soil vapor samples. In consultation with NYSDEC, **ASR** proposes to continue quarterly monitoring and reporting, in addition to the annual Periodic Review Report ("PRR")

Please contact us if you have any questions or require additional information.

Respectfully submitted,
Advanced Site Restoration, LLC.



Nicholas Kideris
Geologist II



ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.



Scott A. Yanuck, P.G.

President

Attachments:

Table I: Groundwater Elevations
Table II: Groundwater Quality Measurements
Table III: Summary Groundwater Analytical Results
Table IV: Historical Trends for Groundwater Analytical Results
Table V: Summary Soil Vapor Analytical Results
Table VI: Historical Trends for Soil Vapor Analytical Results
Figure 1.0 – Site Location
Figure 2.0 – Monitoring Well and Vapor Monitoring Points Locations
Figure 3.0 – Groundwater Flow Contour Map
Appendix A – Laboratory Analytical Report – Groundwater
Appendix B – Laboratory Analytical Report – Soil Vapor
Appendix C – Soil Vapor Extraction System Field Measurements

TABLES

Table I - Groundwater Elevations

Well No.	Date	Reference Elevation (ft. MSL)	Depth to GW (ft)	GW Elevation (ft. MSL)
MW-5D	9/27/2024	18.42	N/A	N/A
MW-7	9/27/2024	17.05	10.99	6.06
MW-8	9/27/2024	17.33	11.53	5.80
MW-10S	9/27/2024	14.47	8.25	6.22
MW-10D	9/27/2024	14.61	8.18	6.43
MW-11	9/27/2024	17.21	10.99	6.22
MW-12	9/27/2024	16.87	11.51	5.36

N/A: The monitoring well was inaccessible

**Table II -Groundwater Monitoring Well Depths and
Chemistry** Site Name: 353 McKibbin Street, Brooklyn,
NY 11206 Date: 9/27/2024

Monitoring Well #	<i>MW-7</i>			<i>MW-7 (old)</i>			<i>MW-10SR</i>			<i>MW-10DR</i>		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft. bgs)	10.99			11.81			8.25			8.18		
Depth to Bottom (ft. bgs)							13.90			48.26		
Total Water (ft.)	-10.99			-11.81			5.65			40.08		
Temperature (°C)	17.39	17.34	17.27	Not Sampled			19.94	19.68	19.66	17.27	17.24	17.22
Conductivity (µS/cm)	574	559	522				518	519	512	922	924	931
Dissolved Oxygen (mg/L)	1.88	1.82	1.95				0.54	0.58	0.58	0.61	0.60	0.58
pH	10.74	10.74	10.74				9.38	9.41	9.25	9.52	9.61	9.51
Oxygen Reduction Potential	-34.9	-31.9	-28.6				-26.1	-26.7	-28.9	-12.3	-12.1	-11.2
Turbidity	418.0	286.0	106.0				351.0	610.0	337.0	340.0	237.0	186.0

Monitoring Well #	<i>MW-8</i>			<i>MW-11</i>			<i>MW-12</i>					
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft. bgs)	11.53			10.99			11.51					
Depth to Bottom (ft. bgs)												
Total Water (ft.)	-11.53			-10.99			-11.51					
Temperature (°C)	18.79	18.86	18.88	16.97	17.03	16.87	17.03	17.05	17.12			
Conductivity (µS/cm)	2294	2304	2305	1208	1206	1205	391	396	387			
Dissolved Oxygen (mg/L)	0.81	0.77	0.76	1.41	1.22	1.22	0.95	0.93	0.87			
pH	10.21	10.12	10.07	10.94	10.92	10.91	10.21	10.23	10.10			
Oxygen Reduction Potential	-0.4	1.9	2.8	-44.9	-41.8	-41.5	-27.2	-27.7	-26.5			
Turbidity	29.0	26.0	23.8	40.8	30.9	41.5	431.0	319.0	234.0			

353 McKibbin Street, Brooklyn, New York 11206
Table III – Summary Groundwater Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-7 9/27/2024 Ground Water		MW-8 9/27/2024 Ground Water		MW-10S 9/27/2024 Ground Water		MW-10D 9/27/2024 Ground Water		MW-11 9/27/2024 Ground Water		MW-12 9/27/2024 Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER Dilution Factor	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
		1		1		1		10		25		1	
1,1-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	5.7		0.0	U
cis-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	5.6		57.0		0.0	U
Tetrachloroethylene	5	0.0	U	2.6	J	0.0	U	120.0	D	3.8	J	0.0	U
trans-1,2-Dichloroethylene	5	0.0	U	0.0	U	0.0	U	0.0	U	7.7		0.0	U
Trichloroethylene	5	0.0	U	5.7		4.2	J	33.0		1,500.0	D	11.0	

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-5DR (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	11.2	8.98	N/A	18.8	5.09	7.87	N/A	N/A
Trichloroethylene	10.6	12.1	N/A	14.2	8.58	12.3	N/A	N/A
cis-1,2-Dichloroethylene	0.32	0.47	N/A	1.58	3.50	1.4	N/A	N/A
Vinyl Chloride	0.0	0.0	N/A	0.0	0.86	0.0	N/A	N/A
Total VOCs	23.53	21.55	N/A	38.60	18.32	21.6	N/A	N/A

MW-7 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0
Trichloroethylene	0.26	0.0	N/A	N/A	N/A	0.0	0.0	0.0
cis-1,2-Dichloroethylene	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0
Vinyl Chloride	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0
Total VOCs	0.67	0.00	N/A	N/A	N/A	0.0	0.45	0.27

MW-8 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	4.67	4.90	5.39	14.20	3.44	1.27	2.2	2.6
Trichloroethylene	16.2	20.3	12.4	27.4	13.8	4.56	2.6	5.7
cis-1,2-Dichloroethylene	0.63	0.74	0.44	1.58	0.54	0.0	0.0	0.4
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	21.50	26.22	21.95	46.97	18.40	5.83	4.79	8.71

MW-10SR (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	40.00	0.0	30.6	0.0
Trichloroethylene	23.6	26.7	21.7	50.5	23.6	0.31	20.1	4.2
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	1.68	0.00	1.18	0.0
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	68.73	6.21	57.09	6.18

MW-10DR (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	21.10	13.90	17.80	163.00	0.39	16.9	0.62	120.0
Trichloroethylene	23.6	26.7	21.7	50.5	0.78	11.9	0.75	33.4
cis-1,2-Dichloroethylene	1.05	0.96	0.99	9.57	0.0	0.90	0.0	5.6
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	46.99	45.20	46.57	228.36	2.23	31.64	1.37	159.96

353 McKibbin Street, Brooklyn, New York 11206
Table IV: Historical Trends for Groundwater Analytical Results

MW-11 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	2.84	2.22	4.35	4.03	2.10	1	0.7	3.83
Trichloroethylene	257	380	459	434	1050	362	305	1,480
cis-1,2-Dichloroethylene	7.24	21.70	24.80	28.70	17.40	11.50	20.0	57.5
Vinyl Chloride	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total VOCs	272.00	416.38	498.45	476.55	1,075.58	386.68	339.10	1,556.84

MW-12 (ug/L)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trichloroethylene	1.58	4.47	0.63	1.93	3.23	0.71	0.4	11
cis-1,2-Dichloroethylene	1.23	65	0.48	1.05	3.7	0.96	1.2	2.4
Vinyl Chloride	0.0	27.4	1.18	0.0	0.0	0.0	0.0	1.7
Total VOCs	5.18	104.20	6.65	8.43	7.26	3.55	1.60	16.7

Table V – Summary Soil Vapor Analytical Results

Sample ID	SV-4		SV-5R		SV-6R		SV-7R		SV-8		SV-9	
Sampling Date	9/27/2024		9/27/2024		9/27/2024		9/27/2024		9/27/2024		9/27/2024	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor	1.647		1.797		1.884		31.78		1.963		1.784	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.40	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
1,1-Dichloroethylene	0.33	D	0.28	D	0.00	U	0.00	U	0.00	U	0.35	D
1,2,4-Trimethylbenzene	3.10	D	0.97	D	0.00	U	0.00	U	1.70	D	0.88	U
1,3,5-Trimethylbenzene	1.10	D	0.00	U	0.00	U	0.00	U	0.00	U	0.88	U
2,2,4-Trimethylpentane	1.50	D	0.42	D	0.53	D	0.00	U	0.64	D	1.00	D
2-Butanone	2.90	D	0.90	D	1.20	D	41.00	D	1.60	D	2.30	D
4-Methyl-2-pentanone	0.94	D	0.00	U	0.00	U	0.00	U	0.00	U	0.80	D
Acetone	23.00	D	24.00	D	15.00	D	790.00	D	46.00	D	27.00	D
Acrylonitrile	0.36	U	33.00	D	0.00	U	0.00	U	4.90	D	0.77	D
Benzene	1.30	D	0.00	U	0.00	U	0.00	U	0.00	U	0.91	D
Bromomethane	0.64	U	0.98	D	0.00	U	0.00	U	0.00	U	1.20	D
Carbon disulfide	0.51	U	0.56	D	0.59	D	0.00	U	0.00	U	1.10	D
Carbon tetrachloride	0.93	D	0.57	D	0.71	D	0.00	U	0.74	D	0.90	D
Chloroethane	0.43	U	0.00	U	0.00	U	0.00	U	0.00	U	0.89	D
Chloroform	0.80	D	29.00	D	0.00	U	0.00	U	0.00	U	0.00	U
Chloromethane	2.70	D	0.00	U	1.10	D	0.00	U	1.10	D	3.20	D
cis-1,2-Dichloroethylene	0.39	D	0.28	D	0.00	U	0.00	U	0.00	U	0.42	D
Cyclohexane	0.62	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Dichlorodifluoromethane	3.20	D	2.90	D	3.60	D	0.00	U	3.00	D	3.30	D
Ethyl acetate	1.80	D	0.00	U	0.00	U	0.00	U	0.00	U	1.40	D
Ethyl Benzene	2.10	D	0.00	U	0.00	U	0.00	U	0.00	U	0.93	D
Isopropanol	5.40	D	1.50	D	3.30	BD	30.00	D	4.30	BD	2.90	D
Methyl Methacrylate	0.94	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Methylene chloride	2.30	D	1.20	D	1.60	BD	0.00	U	0.00	U	1.90	D
n-Heptane	1.60	D	0.00	U	0.00	U	0.00	U	0.00	U	0.80	D
n-Hexane	1.20	D	0.00	U	0.66	D	0.00	U	0.00	U	0.75	D
o-Xylene	2.80	D	0.00	U	0.00	U	0.00	U	1.10	D	1.00	D
p- & m- Xylenes	8.70	D	0.00	U	1.60	D	0.00	U	2.70	D	3.00	D
p-Ethyltoluene	2.30	D	0.00	U	0.00	U	16.00	U	1.40	D	0.00	U
Propylene	0.28	U	0.00	U	1.50	D	45.00	D	1.40	D	0.00	U
Tetrachloroethylene	60.00	D	22.00	D	0.00	U	0.00	U	0.00	U	4.70	D
Tetrahydrofuran	1.00	D	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Toluene	13.00	D	0.00	U	4.30	D	0.00	U	5.30	D	9.00	D
Trichloroethylene	39.00	D	4.40	D	0.00	U	0.00	U	0.63	D	2.90	D
Trichlorofluoromethane (Freon 11)	1.90	D	3.90	D	2.20	D	0.00	U	1.90	D	1.90	D
Vinyl Chloride	0.46	D	0.37	D	0.00	U	0.00	U	0.00	U	0.64	D
Total VOCs	190.93		127.23		37.89		922.00		78.41		77.72	

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

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SV-4 (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	160.00	34.00	4.50	5.40	ND	ND	ND	60.00
Trichloroethylene	460.00	110.00	5.80	3.90	ND	0.3	1.90	39.00
cis-1,2-Dichloroethylene	0.88	0.39	ND	ND	ND	ND	ND	0.39
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.46
Total VOCs	957.00	303.30	279.00	83.00	19.19	48.82	118.00	190.93

SG-5R (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	1.30	N/A	N/A	N/A	2.20	16.0	4.70
Trichloroethylene	ND	0.53	N/A	N/A	N/A	2.9	6.00	2.90
cis-1,2-Dichloroethylene	ND	ND	N/A	N/A	N/A	ND	0.26	0.42
Vinyl Chloride	ND	ND	N/A	N/A	N/A	ND	ND	0.64
Total VOCs	13.00	81.00	N/A	N/A	N/A	69.94	110.16	77.72

SG-6R (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1.40	ND	ND	ND	1.30	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	11.00	57.00	29.00	62.00	23.48	50.98	136.57	37.89

SG-7R (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	1.20	1.40	2.40	ND	ND	ND	1.40	ND
Trichloroethylene	1.60	4.1	ND	ND	ND	ND	0.38	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	0.4	ND
Total VOCs	36.00	45.00	183.00	300.00	843.50	5,985.10	15,077.92	922.00

353 McKibbin Street, Brooklyn New York 11206
Table VI: Historical Trends for Soil Vapor Analytical Results

SG-8 (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	2.30	0.00
Trichloroethylene	0.53	ND	ND	ND	1.90	ND	ND	0.63
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	13.00	37.00	130.00	21.00	18.82	51.93	291.81	78.41

SV-9 (ug/m3)								
Date	12/20/2022	3/24/2023	6/29/2023	9/20/2023	12/21/2023	3/29/2024	6/13/2024	9/27/2024
Tetrachloroethylene	ND	ND	3.00	1.60	ND	ND	12.00	4.70
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	2.90
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	0.42
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.64
Total VOCs	12.00	32.00	28.00	39.00	30.48	54.57	111.65	77.72

FIGURES



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 1.0
SITE LOCATION
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116

DRAWING DATE:
10/1/2024

DRAWN BY: NK

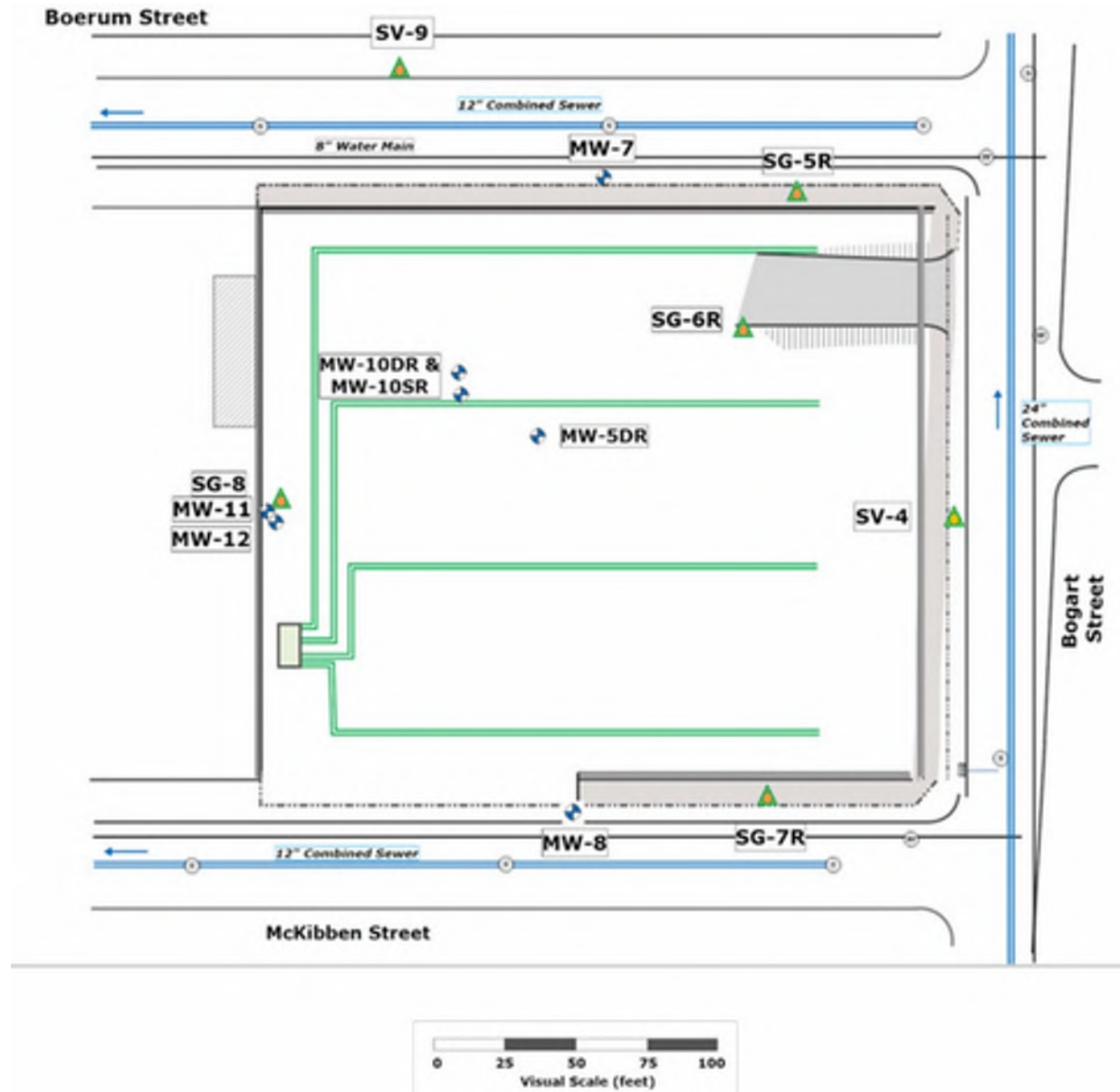
CHECKED BY:

REVISIONS:

KEY

- - - Approximate Property Boundary

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.



53 West Hills Road
Huntington Station, NY 11746

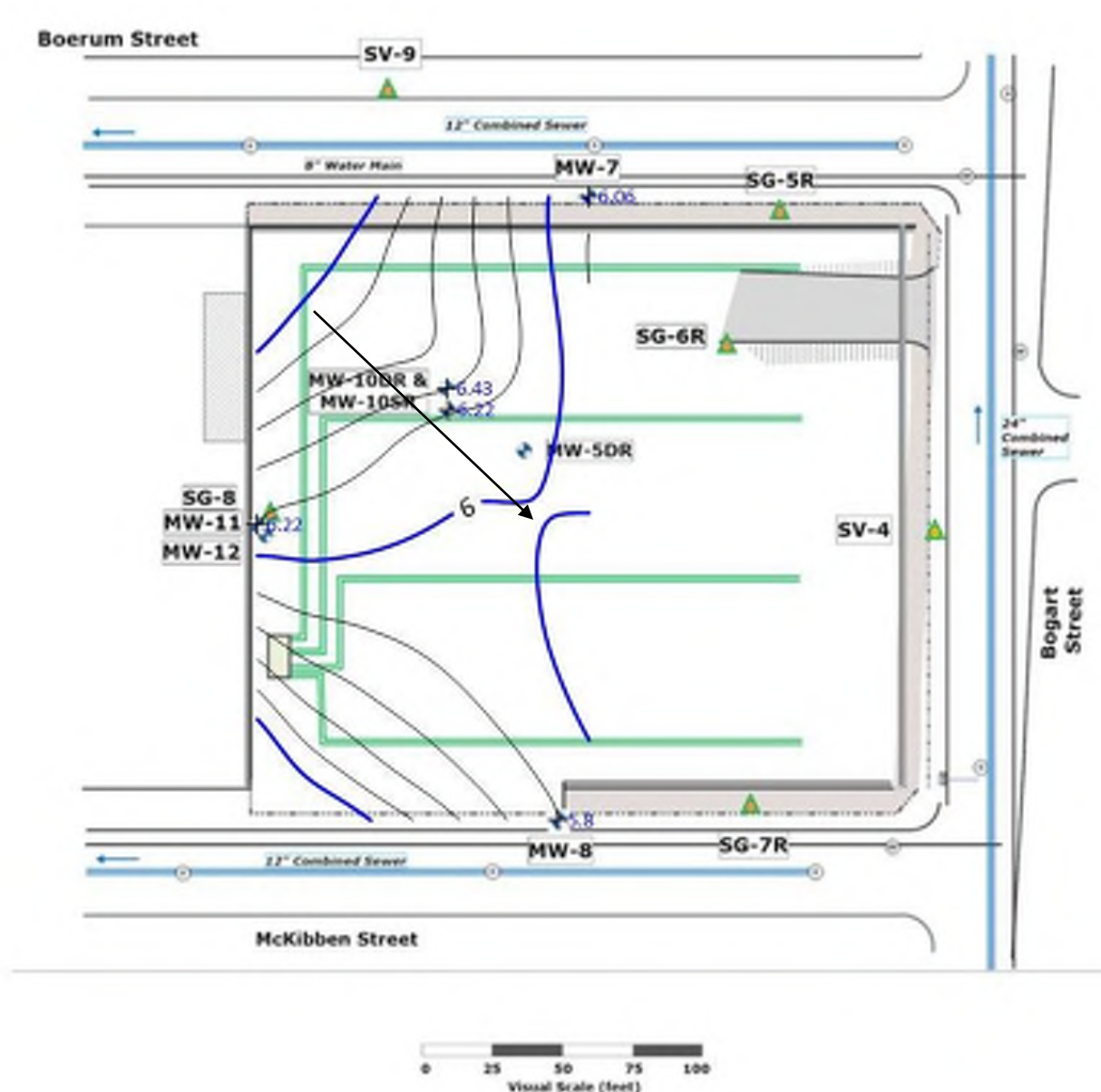
PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 2.0
MONITORING WELL AND VAPOR
MONITORING POINT LOCATIONS
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE: 7/5/2024
DRAWN BY: NK
CHECKED BY:
REVISIONS:

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 3.0
GROUNDWATER CONTOUR MAP
353 McKibbin Street, Brooklyn, New
York 11206

PROJECT: A22-116
DRAWING DATE:
DRAWN BY: NK
CHECKED BY:
REVISIONS:

Laurel makes no guarantees as to the
accuracy of this drawing and it should only
be used for informational purposes.

APPENDIX A

Laboratory Analytical Report - Groundwater



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 10/31/2024

Client Project ID: 353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

York Project (SDG) No.: 24I1898

Revision No. 1.0

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



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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/31/2024
Client Project ID: 353 McKibbin St, Brooklyn, NY 11206 A22-116.MC
York Project (SDG) No.: 24I1898

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 September 30, 2024 and listed below. The project was identified as your project: **353 McKibbin St, Brooklyn, NY 11206 A22-116.MC**.

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.

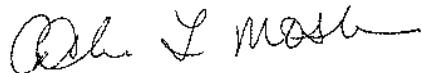
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24I1898-01	MW-7	Ground Water	09/27/2024	09/30/2024
24I1898-02	MW-8	Ground Water	09/27/2024	09/30/2024
24I1898-03	MW-10S	Ground Water	09/27/2024	09/30/2024
24I1898-04	MW-10D	Ground Water	09/27/2024	09/30/2024
24I1898-05	MW-11	Ground Water	09/27/2024	09/30/2024
24I1898-06	MW-12	Ground Water	09/27/2024	09/30/2024
24I1898-07	DUP	Ground Water	09/27/2024	09/30/2024
24I1898-08	Trip Blank	Water	09/27/2024	09/30/2024

General Notes for York Project (SDG) No.: 24I1898

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 10/31/2024





Sample Information

Client Sample ID: MW-7

York Sample ID: 24I1898-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:30 am

09/30/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO



Sample Information

Client Sample ID: MW-7

York Sample ID: 24I1898-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:30 am

09/30/2024

Volatile Organics, 8260 Low 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	0.320	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-15-0	Carbon disulfide	ND	CCVE	ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-00-3	Chloroethane	ND	CCVE, QL-02	ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO



Sample Information

Client Sample ID: MW-7

York Sample ID: 24I1898-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:30 am

09/30/2024

Volatile Organics, 8260 Low 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	0.241	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
91-20-3	Naphthalene	0.270	J, B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO



Sample Information

Client Sample ID: MW-7

York Sample ID: 24I1898-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:30 am

09/30/2024

Volatile Organics, 8260 Low 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	CCVE	ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 18:00	FO
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	85.2 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.2 %			79-122						

Sample Information

Client Sample ID: MW-8

York Sample ID: 24I1898-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:45 am

09/30/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO



Sample Information

Client Sample ID: MW-8

York Sample ID: 24I1898-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:45 am

09/30/2024

Volatile Organics, 8260 Low 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND	QL-02	ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO



Sample Information

Client Sample ID: MW-8

York Sample ID: 24I1898-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 10:45 am

09/30/2024

Volatile Organics, 8260 Low 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
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
156-59-2	cis-1,2-Dichloroethylene	0.360	J	ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO



Sample Information

<u>Client Sample ID:</u>		MW-8	<u>York Sample ID:</u>		24I1898-02
<u>York Project (SDG) No.</u>		<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24I1898		353 McKibbin St, Brooklyn, NY 11206 A22-116.MC	Ground Water	September 27, 2024 10:45 am	09/30/2024

Volatile Organics, 8260 Low 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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
127-18-4	Tetrachloroethylene	2.61	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
79-01-6	Trichloroethylene	5.74		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 14:24	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.3 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.7 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	79-122								

Sample Information

<u>Client Sample ID:</u> MW-10S			<u>York Sample ID:</u> 24I1898-03	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24I1898	353 McKibbin St, Brooklyn, NY 11206 A22-116.MC	Ground Water	September 27, 2024 11:00 am	09/30/2024



Sample Information

Client Sample ID: MW-10S

York Sample ID: 24I1898-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:00 am

09/30/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO



Sample Information

Client Sample ID: MW-10S

York Sample ID: 24I1898-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:00 am

09/30/2024

Volatile Organics, 8260 Low 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
67-64-1	Acetone	1.70	J, CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-15-0	Carbon disulfide	ND	CCVE	ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-00-3	Chloroethane	ND	CCVE, QL-02	ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO



Sample Information

Client Sample ID: MW-10S

York Sample ID: 24I1898-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:00 am

09/30/2024

Volatile Organics, 8260 Low 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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
91-20-3	Naphthalene	0.240	J, B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
79-01-6	Trichloroethylene	4.24		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:03	FO



Sample Information

Client Sample ID: MW-10S		York Sample ID: 24I1898-03			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24I1898	353 McKibbin St, Brooklyn, NY 11206 A22-116.MC	Ground Water	September 27, 2024 11:00 am	09/30/2024	

Volatile Organics, 8260 Low 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
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	10/04/2024 08:00	10/04/2024 19:03	FO
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	96.9 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.2 %		79-122							

Sample Information

Client Sample ID: MW-10D		York Sample ID: 24I1898-04			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24I1898	353 McKibbin St, Brooklyn, NY 11206 A22-116.MC	Ground Water	September 27, 2024 11:15 am	09/30/2024	

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO



Sample Information

Client Sample ID: MW-10D

York Sample ID: 24I1898-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:15 am

09/30/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
75-15-0	Carbon disulfide	ND	CCVE	ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO



Sample Information

Client Sample ID: MW-10D

York Sample ID: 24I1898-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:15 am

09/30/2024

Volatile Organics, 8260 Low 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
75-00-3	Chloroethane	ND	CCVE, QL-02	ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
67-66-3	Chloroform	0.980		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
156-59-2	cis-1,2-Dichloroethylene	5.58		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 19:34	FO



Sample Information

Client Sample ID: MW-10D		York Sample ID: 24I1898-04			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24I1898	353 McKibbin St, Brooklyn, NY 11206 A22-116.MC	Ground Water	September 27, 2024 11:15 am	09/30/2024	

Volatile Organics, 8260 Low 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
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
127-18-4	Tetrachloroethylene	120	CCVE, ICVE, QL-02	ug/L	2.39	5.00	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/07/2024 08:00	10/07/2024 14:50	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
79-01-6	Trichloroethylene	33.4		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 19:34	FO
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	10/04/2024 08:00	10/04/2024 19:34	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	97.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.9 %	79-122								

Sample Information

Client Sample ID: MW-11		York Sample ID: 24I1898-05			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24I1898	353 McKibbin St, Brooklyn, NY 11206 A22-116.MC	Ground Water	September 27, 2024 11:20 am	09/30/2024	

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418			
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@			



Sample Information

Client Sample ID: MW-11

York Sample ID: 24I1898-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:20 am

09/30/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 20:03	FO
79-00-5	1,1,2-Trichloroethane	0.330	J	ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/04/2024 08:00	10/04/2024 20:03	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 20:03	FO
75-35-4	1,1-Dichloroethylene	5.67	CCVE	ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO



Sample Information

Client Sample ID: MW-11

York Sample ID: 24I1898-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:20 am

09/30/2024

Volatile Organics, 8260 Low 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	0.365	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-15-0	Carbon disulfide	ND	CCVE	ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-00-3	Chloroethane	ND	CCVE, QL-02	ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
67-66-3	Chloroform	0.300	J	ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
156-59-2	cis-1,2-Dichloroethylene	57.5		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO



Sample Information

Client Sample ID: MW-11

York Sample ID: 24I1898-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:20 am

09/30/2024

Volatile Organics, 8260 Low 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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	0.950		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
127-18-4	Tetrachloroethylene	3.83	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
156-60-5	trans-1,2-Dichloroethylene	7.73		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO
79-01-6	Trichloroethylene	1480		ug/L	6.22	12.5	25	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:17	FO
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 20:03	FO



Sample Information

Client Sample ID: MW-11

York Sample ID: 24I1898-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:20 am

09/30/2024

Volatile Organics, 8260 Low 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	0.530	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 20:03	FO
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	10/04/2024 08:00	10/04/2024 20:03	FO
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.5 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: MW-12

York Sample ID: 24I1898-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:45 am

09/30/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO
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	10/07/2024 08:00	10/07/2024 15:44	FO



Sample Information

Client Sample ID: MW-12

York Sample ID: 24I1898-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:45 am

09/30/2024

Volatile Organics, 8260 Low 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
96-12-8	1,2-Dibromo-3-chloropropane	ND	QL-02	ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
67-64-1	Acetone	1.56	J, CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO



Sample Information

Client Sample ID: MW-12

York Sample ID: 24I1898-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:45 am

09/30/2024

Volatile Organics, 8260 Low 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
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
156-59-2	cis-1,2-Dichloroethylene	2.40		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO



Sample Information

Client Sample ID: MW-12

York Sample ID: 24I1898-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 11:45 am

09/30/2024

Volatile Organics, 8260 Low 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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
79-01-6	Trichloroethylene	11.0		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
75-01-4	Vinyl Chloride	1.70		ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 15:44	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	92.4 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	79-122								

Sample Information

Client Sample ID: DUP

York Sample ID: 24I1898-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 8:00 am

09/30/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: DUP

York Sample ID: 24I1898-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 8:00 am

09/30/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND	QL-02	ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO



Sample Information

Client Sample ID: DUP

York Sample ID: 24I1898-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 8:00 am

09/30/2024

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO



Sample Information

Client Sample ID: DUP

York Sample ID: 24I1898-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 8:00 am

09/30/2024

Volatile Organics, 8260 Low 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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	10/07/2024 08:00	10/07/2024 16:11	FO



Sample Information

Client Sample ID: DUP

York Sample ID: 24I1898-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Ground Water

September 27, 2024 8:00 am

09/30/2024

Volatile Organics, 8260 Low 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
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.4 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24I1898-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Water

September 27, 2024 6:00 am

09/30/2024

Volatile Organics, 8260 Low 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	0.216	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
75-35-4	1,1-Dichloroethylene	ND	CCVE	ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24I1898-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Water

September 27, 2024 6:00 am

09/30/2024

Volatile Organics, 8260 Low 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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
75-15-0	Carbon disulfide	ND	CCVE	ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
75-00-3	Chloroethane	ND	CCVE, QL-02	ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24I1898-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1898

353 McKibbin St, Brooklyn, NY 11206 A22-116.MC

Water

September 27, 2024 6:00 am

09/30/2024

Volatile Organics, 8260 Low 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
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
75-09-2	Methylene chloride	ND	CCVE	ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
91-20-3	Naphthalene	0.280	J, B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 17:28	FO



Sample Information

Client Sample ID: Trip Blank			York Sample ID: 24I1898-08		
York Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time	Date Received
24I1898	353 McKibbin St, Brooklyn, NY 11206 A22-116.MC		Water	September 27, 2024 6:00 am	09/30/2024

Volatile Organics, 8260 Low 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
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	10/04/2024 08:00	10/04/2024 17:28	FO
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/04/2024 08:00	10/04/2024 17:28	FO
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	10/04/2024 08:00	10/04/2024 17:28	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	81.3 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	97.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.0 %	79-122								



Analytical Batch Summary

Batch ID: BJ40320

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1898-01	MW-7	10/04/24
24I1898-03	MW-10S	10/04/24
24I1898-04	MW-10D	10/04/24
24I1898-05	MW-11	10/04/24
24I1898-08	Trip Blank	10/04/24
BJ40320-BLK1	Blank	10/04/24
BJ40320-BS1	LCS	10/04/24

Batch ID: BJ40433

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1898-02	MW-8	10/07/24
24I1898-04RE1	MW-10D	10/07/24
24I1898-05RE1	MW-11	10/07/24
24I1898-06	MW-12	10/07/24
24I1898-07	DUP	10/07/24
BJ40433-BLK1	Blank	10/07/24
BJ40433-BS1	LCS	10/07/24



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

Batch BJ40320 - EPA 5030B

Blank (BJ40320-BLK1)

Prepared & Analyzed: 10/04/2024

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	"



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 BJ40320 - EPA 5030B

Blank (BJ40320-BLK1)

Prepared & Analyzed: 10/04/2024

Methylcyclohexane	ND	0.500	ug/L
Methylene chloride	ND	2.00	"
Naphthalene	0.490	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

10.9

"

10.0

109

69-130

Surrogate: SURR: Toluene-d8

9.87

"

10.0

98.7

81-117

Surrogate: SURR: p-Bromofluorobenzene

10.6

"

10.0

106

79-122

LCS (BJ40320-BS1)

Prepared & Analyzed: 10/04/2024

1,1,1,2-Tetrachloroethane	9.80	ug/L	10.0	98.0	82-126
1,1,1-Trichloroethane	9.36	"	10.0	93.6	78-136
1,1,2,2-Tetrachloroethane	10.9	"	10.0	109	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.27	"	10.0	82.7	54-165
1,1,2-Trichloroethane	9.67	"	10.0	96.7	82-123
1,1-Dichloroethane	8.18	"	10.0	81.8	82-129
1,1-Dichloroethylene	8.33	"	10.0	83.3	68-138
1,2,3-Trichlorobenzene	10.4	"	10.0	104	76-136
1,2,3-Trichloropropane	10.2	"	10.0	102	77-128
1,2,4-Trichlorobenzene	9.73	"	10.0	97.3	76-137
1,2,4-Trimethylbenzene	10.3	"	10.0	103	82-132
1,2-Dibromo-3-chloropropane	9.83	"	10.0	98.3	45-147
1,2-Dibromoethane	9.93	"	10.0	99.3	83-124
1,2-Dichlorobenzene	9.42	"	10.0	94.2	79-123
1,2-Dichloroethane	9.94	"	10.0	99.4	73-132
1,2-Dichloropropane	9.72	"	10.0	97.2	78-126
1,3,5-Trimethylbenzene	9.88	"	10.0	98.8	80-131
1,3-Dichlorobenzene	9.00	"	10.0	90.0	86-122
1,3-Dichloropropane	9.96	"	10.0	99.6	81-125
1,4-Dichlorobenzene	9.26	"	10.0	92.6	85-124
1,4-Dioxane	296	"	210	141	10-349
2-Butanone	6.80	"	10.0	68.0	49-152
2-Hexanone	9.23	"	10.0	92.3	51-146

Low Bias



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 BJ40320 - EPA 5030B

LCS (BJ40320-BS1)

Prepared & Analyzed: 10/04/2024

4-Methyl-2-pentanone	10.0		ug/L	10.0		100	57-145				
Acetone	14.3		"	10.0		143	14-150				
Acrolein	14.8		"	10.0		148	10-153				
Acrylonitrile	8.09		"	10.0		80.9	51-150				
Benzene	9.10		"	10.0		91.0	85-126				
Bromochloromethane	8.88		"	10.0		88.8	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	8.40		"	10.0		84.0	78-133				
Bromomethane	3.63		"	10.0		36.3	43-168	Low Bias			
Carbon disulfide	7.60		"	10.0		76.0	68-146				
Carbon tetrachloride	9.75		"	10.0		97.5	77-141				
Chlorobenzene	9.59		"	10.0		95.9	88-120				
Chloroethane	6.26		"	10.0		62.6	65-136	Low Bias			
Chloroform	8.78		"	10.0		87.8	82-128				
Chloromethane	5.51		"	10.0		55.1	43-155				
cis-1,2-Dichloroethylene	8.96		"	10.0		89.6	83-129				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	80-131				
Cyclohexane	8.65		"	10.0		86.5	63-149				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	9.63		"	10.0		96.3	72-134				
Dichlorodifluoromethane	6.22		"	10.0		62.2	44-144				
Ethyl Benzene	9.79		"	10.0		97.9	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	9.81		"	10.0		98.1	76-140				
Methyl acetate	7.40		"	10.0		74.0	51-139				
Methyl tert-butyl ether (MTBE)	8.46		"	10.0		84.6	76-135				
Methylcyclohexane	9.33		"	10.0		93.3	72-143				
Methylene chloride	7.26		"	10.0		72.6	55-137				
Naphthalene	11.2		"	10.0		112	70-147				
n-Butylbenzene	9.81		"	10.0		98.1	79-132				
n-Propylbenzene	9.70		"	10.0		97.0	78-133				
o-Xylene	8.96		"	10.0		89.6	78-130				
p- & m- Xylenes	19.4		"	20.0		97.2	77-133				
p-Diethylbenzene	10.1		"	10.0		101	84-134				
p-Ethyltoluene	9.52		"	10.0		95.2	88-129				
p-Isopropyltoluene	9.58		"	10.0		95.8	81-136				
sec-Butylbenzene	9.78		"	10.0		97.8	79-137				
Styrene	8.87		"	10.0		88.7	67-132				
tert-Butyl alcohol (TBA)	51.1		"	50.0		102	25-162				
tert-Butylbenzene	9.69		"	10.0		96.9	77-138				
Tetrachloroethylene	5.01		"	10.0		50.1	82-131	Low Bias			
Toluene	9.38		"	10.0		93.8	80-127				
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	80-132				
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	78-131				
Trichloroethylene	8.86		"	10.0		88.6	82-128				
Trichlorofluoromethane	7.81		"	10.0		78.1	67-139				
Vinyl Chloride	6.69		"	10.0		66.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.34		"	10.0		93.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.0		"	10.0		110	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 BJ40433 - EPA 5030B

Blank (BJ40433-BLK1)

Prepared & Analyzed: 10/07/2024

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

Batch BJ40433 - EPA 5030B

Blank (BJ40433-BLK1)

Prepared & Analyzed: 10/07/2024

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	9.51	"	10.0	95.1	69-130
Surrogate: SURR: Toluene-d8	9.94	"	10.0	99.4	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.2	"	10.0	102	79-122

LCS (BJ40433-BS1)

Prepared & Analyzed: 10/07/2024

1,1,1,2-Tetrachloroethane	9.06	ug/L	10.0	90.6	82-126
1,1,1-Trichloroethane	10.0	"	10.0	100	78-136
1,1,2,2-Tetrachloroethane	11.9	"	10.0	119	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	"	10.0	109	54-165
1,1,2-Trichloroethane	10.1	"	10.0	101	82-123
1,1-Dichloroethane	9.63	"	10.0	96.3	82-129
1,1-Dichloroethylene	10.3	"	10.0	103	68-138
1,2,3-Trichlorobenzene	8.30	"	10.0	83.0	76-136
1,2,3-Trichloropropane	9.78	"	10.0	97.8	77-128
1,2,4-Trichlorobenzene	8.45	"	10.0	84.5	76-137
1,2,4-Trimethylbenzene	10.2	"	10.0	102	82-132
1,2-Dibromo-3-chloropropane	3.97	"	10.0	39.7	45-147
1,2-Dibromoethane	10.1	"	10.0	101	83-124
1,2-Dichlorobenzene	9.95	"	10.0	99.5	79-123
1,2-Dichloroethane	9.35	"	10.0	93.5	73-132
1,2-Dichloropropane	10.0	"	10.0	100	78-126
1,3,5-Trimethylbenzene	10.2	"	10.0	102	80-131
1,3-Dichlorobenzene	9.86	"	10.0	98.6	86-122
1,3-Dichloropropane	10.2	"	10.0	102	81-125
1,4-Dichlorobenzene	9.78	"	10.0	97.8	85-124
1,4-Dioxane	309	"	210	147	10-349
2-Butanone	7.69	"	10.0	76.9	49-152
2-Hexanone	9.20	"	10.0	92.0	51-146
4-Methyl-2-pentanone	10.5	"	10.0	105	57-145



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 BJ40433 - EPA 5030B

LCS (BJ40433-BS1)

Prepared & Analyzed: 10/07/2024

Acetone	18.7		ug/L	10.0		187	14-150	High Bias			
Acrolein	26.4		"	10.0		264	10-153	High Bias			
Acrylonitrile	11.6		"	10.0		116	51-150				
Benzene	10.8		"	10.0		108	85-126				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	5.34		"	10.0		53.4	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	9.64		"	10.0		96.4	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	9.58		"	10.0		95.8	82-128				
Chloromethane	8.98		"	10.0		89.8	43-155				
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	11.6		"	10.0		116	63-149				
Dibromochloromethane	9.55		"	10.0		95.5	80-130				
Dibromomethane	9.74		"	10.0		97.4	72-134				
Dichlorodifluoromethane	12.7		"	10.0		127	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	7.82		"	10.0		78.2	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	9.00		"	10.0		90.0	51-139				
Methyl tert-butyl ether (MTBE)	9.88		"	10.0		98.8	76-135				
Methylcyclohexane	10.9		"	10.0		109	72-143				
Methylene chloride	9.68		"	10.0		96.8	55-137				
Naphthalene	9.35		"	10.0		93.5	70-147				
n-Butylbenzene	9.80		"	10.0		98.0	79-132				
n-Propylbenzene	11.1		"	10.0		111	78-133				
o-Xylene	9.86		"	10.0		98.6	78-130				
p- & m- Xylenes	22.4		"	20.0		112	77-133				
p-Diethylbenzene	9.75		"	10.0		97.5	84-134				
p-Ethyltoluene	10.4		"	10.0		104	88-129				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	9.41		"	10.0		94.1	67-132				
tert-Butyl alcohol (TBA)	53.2		"	50.0		106	25-162				
tert-Butylbenzene	9.77		"	10.0		97.7	77-138				
Tetrachloroethylene	5.52		"	10.0		55.2	82-131	Low Bias			
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	9.95		"	10.0		99.5	80-132				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131				
Trichloroethylene	9.23		"	10.0		92.3	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.22		"	10.0		92.2	69-130				
Surrogate: SURR: Toluene-d8	9.77		"	10.0		97.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1898-01	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-02	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-03	MW-10S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-04	MW-10D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-05	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-06	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-07	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1898-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to update the analyte reporting list.



YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

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

YORK Project No.
24I1898

120 Research Drive Stratford, CT 06615 132-02 88th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK Page **1** of **1**

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Laurel Environmental Sciences LLC	Company:		Company:		A22-116-MC		RUSH - Next Day	
Address:	3 W. Hills Rd.	Address:	Kathy	Address:		353 McKim St.,		RUSH - Two Day	
City:	Huntington Station, NY 11746	City:		City:		Brooklyn, NY 11206		RUSH - Three Day	
Phone:	631-673-0612	Phone:		Phone:		YOUR PO#:		RUSH - Four Day	
Contact:	Scott Parvack	Contact:		Contact:				RUSH - Five Day	
E-mail:	labresults@laurelenv.com	E-mail:		E-mail:				Standard (6-9 Day)	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matrix Codes
 S - soil / solid
 GW - groundwater
 DW - drinking water
 WW - wastewater
 O - Oil / Other

Report / EDD Type (circle selections)
 Summary Report ☒ CT RCP ☐ EQUIS (Standard)
 QA Report ☐ CT RCP DQADUE ☐ NYSDEC EQUIS
 CMDP ☐ NJDEP Reduced ☐ NJDEKCP
 Standard Excel EDO ☐ Deliverables ☐ NJDEP SRP HazSite
 NY ASP B Package ☐ Other: ☐

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-7	G-W	9/27/24 10:30	USERA 8260	40 mL	3
MW-8		10:45			
MW-105		11:00			
MW-100		11:15			
MW-11		11:20			
MW-12		11:45			
Dup		08:00			
Trip Blank	W	06:00			

Comments:

Preservation: (check all that apply)
 HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐
 ZnAc ☐ Ascorbic Acid ☐ Other: ☐

Special Instruction
 Field Filtered ☐
 Lab to Filter ☐

1. Samples Relinquished by / Company
 Date/Time: 9/27/24 09:00
 Signature: [Signature]

2. Samples Relinquished by / Company
 Date/Time: 9/30/24 11:00
 Signature: [Signature]

3. Samples Relinquished by / Company
 Date/Time: 9/30/24 17:45
 Signature: [Signature]

4. Samples Relinquished by / Company
 Date/Time: 9/30/24 17:45
 Signature: [Signature]

Temperature
 Date/Time: 9/30/24 17:45
 Signature: [Signature]

APPENDIX B

Laboratory Analytical Report - Soil Vapor



Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 10/29/2024

Client Project ID: 353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

York Project (SDG) No.: 24I1848

Revision No. 1.0

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



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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/29/2024

Client Project ID: 353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

York Project (SDG) No.: 24I1848

Laurel Environmental Geosciences, D.P.C.

53 W Hills Road, Suite 1

Huntington Station NY, 11746

Attention: Scott Yanuck

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 September 30, 2024 and listed below. The project was identified as your project: **353 McKibbin St, Brooklyn, NY 11206 A22-116. MC.**

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.

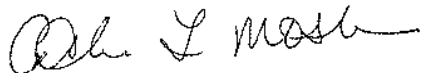
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24I1848-01	SV-4	Soil Vapor	09/27/2024	09/30/2024
24I1848-02	SV-9	Soil Vapor	09/27/2024	09/30/2024
24I1848-03	SV-5R	Soil Vapor	09/27/2024	09/30/2024
24I1848-04	SV-6R	Soil Vapor	09/27/2024	09/30/2024
24I1848-05	SV-7R	Soil Vapor	09/27/2024	09/30/2024
24I1848-06	SV-8	Soil Vapor	09/27/2024	09/30/2024

General Notes for York Project (SDG) No.: 24I1848

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 10/29/2024





Sample Information

Client Sample ID: SV-4

York Sample ID: 24I1848-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:50 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.90	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.4		ug/m ³	1.3	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.90	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-35-4	1,1-Dichloroethylene	0.33		ug/m ³	0.16	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
95-63-6	1,2,4-Trimethylbenzene	3.1		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.99	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.76	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
108-67-8	1,3,5-Trimethylbenzene	1.1		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.99	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.76	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.99	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
540-84-1	* 2,2,4-Trimethylpentane	1.5		ug/m ³	0.38	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
78-93-3	2-Butanone	2.9		ug/m ³	0.49	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 24I1848-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:50 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.6	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
108-10-1	4-Methyl-2-pentanone	0.94		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
67-64-1	Acetone	23		ug/m ³	0.78	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.36	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
71-43-2	Benzene	1.3		ug/m ³	0.53	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.85	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-25-2	Bromoform	ND		ug/m ³	1.7	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
74-83-9	Bromomethane	ND		ug/m ³	0.64	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.51	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
56-23-5	Carbon tetrachloride	0.93		ug/m ³	0.26	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.76	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-00-3	Chloroethane	ND		ug/m ³	0.43	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
67-66-3	Chloroform	0.80		ug/m ³	0.80	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
74-87-3	Chloromethane	2.7		ug/m ³	0.34	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
156-59-2	cis-1,2-Dichloroethylene	0.39		ug/m ³	0.16	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.75	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
110-82-7	Cyclohexane	0.62		ug/m ³	0.57	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-71-8	Dichlorodifluoromethane	3.2		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
141-78-6	* Ethyl acetate	1.8		ug/m ³	1.2	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
100-41-4	Ethyl Benzene	2.1		ug/m ³	0.72	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 24I1848-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:50 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
67-63-0	Isopropanol	5.4		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
80-62-6	Methyl Methacrylate	0.94		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.59	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-09-2	Methylene chloride	2.3		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
91-20-3	* Naphthalene	ND		ug/m ³	1.7	1.647	EPA TO-15 Certifications: NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
142-82-5	n-Heptane	1.6		ug/m ³	0.68	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
110-54-3	n-Hexane	1.2		ug/m ³	0.58	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
95-47-6	o-Xylene	2.8		ug/m ³	0.72	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
179601-23-1	p- & m- Xylenes	8.7		ug/m ³	1.4	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
622-96-8	* p-Ethyltoluene	2.3		ug/m ³	0.81	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
115-07-1	* Propylene	ND		ug/m ³	0.28	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
100-42-5	Styrene	ND		ug/m ³	0.70	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
127-18-4	Tetrachloroethylene	60		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
109-99-9	* Tetrahydrofuran	1.0		ug/m ³	0.97	1.647	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 22:53	YR
108-88-3	Toluene	13		ug/m ³	0.62	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.65	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.75	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
79-01-6	Trichloroethylene	39		ug/m ³	0.22	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.9		ug/m ³	0.93	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.58	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.72	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR



Sample Information

Client Sample ID: SV-4

York Sample ID: 24I1848-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:50 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	0.46		ug/m³	0.21	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 22:53	YR

Sample Information

Client Sample ID: SV-9

York Sample ID: 24I1848-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:55 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.97	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-35-4	1,1-Dichloroethylene	0.35		ug/m³	0.18	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.88	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.88	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR



Sample Information

Client Sample ID: SV-9

York Sample ID: 24I1848-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:55 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m ³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.82	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
540-84-1	* 2,2,4-Trimethylpentane	1.0		ug/m ³	0.42	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
78-93-3	2-Butanone	2.3		ug/m ³	0.53	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.8	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
108-10-1	4-Methyl-2-pentanone	0.80		ug/m ³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
67-64-1	Acetone	27		ug/m ³	0.85	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
107-13-1	Acrylonitrile	0.77		ug/m ³	0.39	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
71-43-2	Benzene	0.91		ug/m ³	0.57	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.92	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-25-2	Bromoform	ND		ug/m ³	1.8	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
74-83-9	Bromomethane	1.2		ug/m ³	0.69	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-15-0	Carbon disulfide	1.1		ug/m ³	0.56	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
56-23-5	Carbon tetrachloride	0.90		ug/m ³	0.28	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.82	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-00-3	Chloroethane	0.89		ug/m ³	0.47	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
67-66-3	Chloroform	ND		ug/m ³	0.87	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
74-87-3	Chloromethane	3.2		ug/m ³	0.37	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR



Sample Information

Client Sample ID: SV-9

York Sample ID: 24I1848-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:55 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	0.42		ug/m ³	0.18	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.81	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.61	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-71-8	Dichlorodifluoromethane	3.3		ug/m ³	0.88	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
141-78-6	* Ethyl acetate	1.4		ug/m ³	1.3	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
100-41-4	Ethyl Benzene	0.93		ug/m ³	0.77	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
67-63-0	Isopropanol	2.9		ug/m ³	0.88	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.64	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-09-2	Methylene chloride	1.9		ug/m ³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
91-20-3	* Naphthalene	ND		ug/m ³	1.9	1.784	EPA TO-15 Certifications: NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
142-82-5	n-Heptane	0.80		ug/m ³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
110-54-3	n-Hexane	0.75		ug/m ³	0.63	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
95-47-6	o-Xylene	1.0		ug/m ³	0.77	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
179601-23-1	p- & m- Xylenes	3.0		ug/m ³	1.5	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.88	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
115-07-1	* Propylene	ND		ug/m ³	0.31	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR
100-42-5	Styrene	ND		ug/m ³	0.76	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
127-18-4	Tetrachloroethylene	4.7		ug/m ³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.1	1.784	EPA TO-15 Certifications:	10/07/2024 10:00	10/08/2024 23:45	YR



Sample Information

Client Sample ID: SV-9

York Sample ID: 24I1848-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 10:55 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	9.0		ug/m³	0.67	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.71	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.81	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
79-01-6	Trichloroethylene	2.9		ug/m³	0.24	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.9		ug/m³	1.0	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.63	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.78	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR
75-01-4	Vinyl Chloride	0.64		ug/m³	0.23	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/08/2024 23:45	YR

Sample Information

Client Sample ID: SV-5R

York Sample ID: 24I1848-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:00 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.98	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.98	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.73	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-35-4	1,1-Dichloroethylene	0.28		ug/m³	0.18	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR



Sample Information

Client Sample ID: SV-5R

York Sample ID: 24I1848-03

York Project (SDG) No.

Client Project ID

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Collection Date/Time

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24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:00 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	0.97		ug/m ³	0.88	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.73	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.83	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.88	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	1.2	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.83	1.797	EPA TO-15 Certifications:	10/07/2024 10:00	10/09/2024 00:38	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
540-84-1	* 2,2,4-Trimethylpentane	0.42		ug/m ³	0.42	1.797	EPA TO-15 Certifications:	10/07/2024 10:00	10/09/2024 00:38	YR
78-93-3	2-Butanone	0.90		ug/m ³	0.53	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.797	EPA TO-15 Certifications:	10/07/2024 10:00	10/09/2024 00:38	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.8	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.74	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
67-64-1	Acetone	24		ug/m ³	0.85	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
107-13-1	Acrylonitrile	33		ug/m ³	0.39	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
71-43-2	Benzene	ND		ug/m ³	0.57	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.93	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-25-2	Bromoform	ND		ug/m ³	1.9	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR



Sample Information

Client Sample ID: SV-5R

York Sample ID: 24I1848-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:00 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	0.98		ug/m ³	0.70	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-15-0	Carbon disulfide	0.56		ug/m ³	0.56	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
56-23-5	Carbon tetrachloride	0.57		ug/m ³	0.28	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.83	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-00-3	Chloroethane	ND		ug/m ³	0.47	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
67-66-3	Chloroform	29		ug/m ³	0.88	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
74-87-3	Chloromethane	ND		ug/m ³	0.37	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
156-59-2	cis-1,2-Dichloroethylene	0.28		ug/m ³	0.18	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.82	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.62	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-71-8	Dichlorodifluoromethane	2.9		ug/m ³	0.89	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.78	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
67-63-0	Isopropanol	1.5		ug/m ³	0.88	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.74	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.65	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-09-2	Methylene chloride	1.2		ug/m ³	1.2	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
91-20-3	* Naphthalene	ND		ug/m ³	1.9	1.797	EPA TO-15 Certifications: NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
142-82-5	n-Heptane	ND		ug/m ³	0.74	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
110-54-3	n-Hexane	ND		ug/m ³	0.63	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
95-47-6	o-Xylene	ND		ug/m ³	0.78	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR



Sample Information

<u>Client Sample ID:</u>	SV-5R		<u>York Sample ID:</u>	24I1848-03	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24I1848	353 McKibbin St, Brooklyn, NY 11206 A22-116. MC	Soil Vapor	September 27, 2024 11:00 am	09/30/2024	

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.6	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.88	1.797	EPA TO-15 Certifications:	10/07/2024 10:00	10/09/2024 00:38	YR
115-07-1	* Propylene	ND		ug/m ³	0.31	1.797	EPA TO-15 Certifications:	10/07/2024 10:00	10/09/2024 00:38	YR
100-42-5	Styrene	ND		ug/m ³	0.77	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
127-18-4	Tetrachloroethylene	22		ug/m ³	1.2	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.1	1.797	EPA TO-15 Certifications:	10/07/2024 10:00	10/09/2024 00:38	YR
108-88-3	Toluene	ND		ug/m ³	0.68	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.71	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.82	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
79-01-6	Trichloroethylene	4.4		ug/m ³	0.24	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-69-4	Trichlorofluoromethane (Freon 11)	3.9		ug/m ³	1.0	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.63	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.79	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR
75-01-4	Vinyl Chloride	0.37		ug/m ³	0.23	1.797	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/07/2024 10:00	10/09/2024 00:38	YR

Sample Information

<u>Client Sample ID:</u>	SV-6R		<u>York Sample ID:</u>	24I1848-04	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24I1848	353 McKibbin St, Brooklyn, NY 11206 A22-116. MC	Soil Vapor	September 27, 2024 11:05 am	09/30/2024	

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.3	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.0	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR



Sample Information

Client Sample ID: SV-6R

York Sample ID: 24I1848-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:05 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.0	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.76	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.19	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CC V, TO-LCS -L	ug/m ³	1.4	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.93	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.76	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
78-87-5	1,2-Dichloropropane	ND	TO-CC V	ug/m ³	0.87	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.93	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
106-99-0	1,3-Butadiene	ND	TO-CC V	ug/m ³	1.3	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.87	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	1.4	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
540-84-1	* 2,2,4-Trimethylpentane	0.53		ug/m ³	0.44	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
78-93-3	2-Butanone	1.2		ug/m ³	0.56	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.9	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR



Sample Information

Client Sample ID: SV-6R

York Sample ID: 24I1848-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:05 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.77	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
67-64-1	Acetone	15		ug/m ³	0.90	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.41	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
71-43-2	Benzene	ND		ug/m ³	0.60	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.98	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-25-2	Bromoform	ND		ug/m ³	1.9	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
74-83-9	Bromomethane	ND		ug/m ³	0.73	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-15-0	Carbon disulfide	0.59		ug/m ³	0.59	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
56-23-5	Carbon tetrachloride	0.71	TO-CC V, TO-LCS -H	ug/m ³	0.30	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.87	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-00-3	Chloroethane	ND		ug/m ³	0.50	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
67-66-3	Chloroform	ND		ug/m ³	0.92	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
74-87-3	Chloromethane	1.1	TO-CC V	ug/m ³	0.39	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.19	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.86	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.65	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.6	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-71-8	Dichlorodifluoromethane	3.6	TO-CC V, TO-LCS -H	ug/m ³	0.93	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.4	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.82	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.0	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR



Sample Information

Client Sample ID: SV-6R

York Sample ID: 24I1848-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:05 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	3.3	B	ug/m ³	0.93	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.77	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.68	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-09-2	Methylene chloride	1.6	B	ug/m ³	1.3	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
91-20-3	* Naphthalene	ND	TO-CC V, TO-LCS -L	ug/m ³	2.0	1.884	EPA TO-15 Certifications: NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
142-82-5	n-Heptane	ND		ug/m ³	0.77	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
110-54-3	n-Hexane	0.66		ug/m ³	0.66	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
95-47-6	o-Xylene	ND		ug/m ³	0.82	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
179601-23-1	p- & m- Xylenes	1.6		ug/m ³	1.6	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.93	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
115-07-1	* Propylene	1.5		ug/m ³	0.32	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
100-42-5	Styrene	ND		ug/m ³	0.80	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.3	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.1	1.884	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 01:02	YR
108-88-3	Toluene	4.3		ug/m ³	0.71	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.75	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.86	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.25	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
75-69-4	Trichlorofluoromethane (Freon 11)	2.2	TO-CC V, TO-LCS -H	ug/m ³	1.1	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.66	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.82	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR



Sample Information

Client Sample ID: SV-6R

York Sample ID: 24I1848-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:05 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	TO-CC V	ug/m ³	0.24	1.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 01:02	YR

Sample Information

Client Sample ID: SV-7R

York Sample ID: 24I1848-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:10 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	22	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	17	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	22	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	24	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	17	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	13	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	3.2	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	24	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	16	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	24	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	19	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	13	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	15	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	22	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	16	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR



Sample Information

Client Sample ID: SV-7R

York Sample ID: 24I1848-05

York Project (SDG) No.

Client Project ID

Matrix

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24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:10 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m ³	21	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	19	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	15	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	19	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	23	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m ³	7.4	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
78-93-3	2-Butanone	41		ug/m ³	9.4	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	26	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
107-05-1	3-Chloropropene	ND		ug/m ³	50	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	13	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
67-64-1	Acetone	790		ug/m ³	15	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
107-13-1	Acrylonitrile	ND		ug/m ³	6.9	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
71-43-2	Benzene	ND		ug/m ³	10	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
100-44-7	Benzyl chloride	ND		ug/m ³	16	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	21	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-25-2	Bromoform	ND		ug/m ³	33	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
74-83-9	Bromomethane	ND		ug/m ³	12	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-15-0	Carbon disulfide	ND		ug/m ³	9.9	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	5.0	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
108-90-7	Chlorobenzene	ND		ug/m ³	15	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-00-3	Chloroethane	ND		ug/m ³	8.4	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
67-66-3	Chloroform	ND		ug/m ³	16	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
74-87-3	Chloromethane	ND		ug/m ³	6.6	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR



Sample Information

Client Sample ID: SV-7R

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Soil Vapor

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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	3.2	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	14	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
110-82-7	Cyclohexane	ND		ug/m ³	11	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	27	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	16	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	23	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	14	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	34	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
67-63-0	Isopropanol	30		ug/m ³	16	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	13	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	11	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-09-2	Methylene chloride	ND		ug/m ³	22	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
91-20-3	* Naphthalene	ND		ug/m ³	33	31.78	EPA TO-15 Certifications: NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
142-82-5	n-Heptane	ND		ug/m ³	13	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
110-54-3	n-Hexane	ND		ug/m ³	11	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
95-47-6	o-Xylene	ND		ug/m ³	14	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
179601-23-1	p- & m- Xylenes	ND		ug/m ³	28	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	16	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
115-07-1	* Propylene	45		ug/m ³	5.5	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
100-42-5	Styrene	ND		ug/m ³	14	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	22	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	19	31.78	EPA TO-15 Certifications:	10/02/2024 10:00	10/03/2024 05:13	YR
108-88-3	Toluene	ND		ug/m ³	12	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR



Sample Information

<u>Client Sample ID:</u>	SV-7R		<u>York Sample ID:</u>	24I1848-05	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24I1848	353 McKibbin St, Brooklyn, NY 11206 A22-116. MC	Soil Vapor	September 27, 2024 11:10 am	09/30/2024	

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	13	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	14	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
79-01-6	Trichloroethylene	ND		ug/m³	4.3	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	18	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
108-05-4	Vinyl acetate	ND		ug/m³	11	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
593-60-2	Vinyl bromide	ND		ug/m³	14	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR
75-01-4	Vinyl Chloride	ND		ug/m³	4.1	31.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/03/2024 05:13	YR

Sample Information

<u>Client Sample ID:</u>	SV-8		<u>York Sample ID:</u>	24I1848-06	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24I1848	353 McKibbin St, Brooklyn, NY 11206 A22-116. MC	Soil Vapor	September 27, 2024 11:15 am	09/30/2024	

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.963	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 03:08	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.79	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CC V, TO-LCS -L	ug/m³	1.5	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24I1848-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:15 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	1.7		ug/m ³	0.96	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.79	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
78-87-5	1,2-Dichloropropane	ND	TO-CC V	ug/m ³	0.91	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.4	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.97	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
106-99-0	1,3-Butadiene	ND	TO-CC V	ug/m ³	1.3	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.91	1.963	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 03:08	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
123-91-1	1,4-Dioxane	ND	ICVE	ug/m ³	1.4	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
540-84-1	* 2,2,4-Trimethylpentane	0.64		ug/m ³	0.46	1.963	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 03:08	YR
78-93-3	2-Butanone	1.6		ug/m ³	0.58	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.6	1.963	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 03:08	YR
107-05-1	3-Chloropropene	ND		ug/m ³	3.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.80	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
67-64-1	Acetone	46		ug/m ³	0.93	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
107-13-1	Acrylonitrile	4.9		ug/m ³	0.43	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
71-43-2	Benzene	ND		ug/m ³	0.63	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
100-44-7	Benzyl chloride	ND		ug/m ³	1.0	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-25-2	Bromoform	ND		ug/m ³	2.0	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24I1848-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:15 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/m ³	0.76	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.61	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
56-23-5	Carbon tetrachloride	0.74	TO-CC V, TO-LCS -H	ug/m ³	0.31	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.90	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-00-3	Chloroethane	ND		ug/m ³	0.52	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
67-66-3	Chloroform	ND		ug/m ³	0.96	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
74-87-3	Chloromethane	1.1	TO-CC V	ug/m ³	0.41	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.19	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.89	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.68	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-71-8	Dichlorodifluoromethane	3.0	TO-CC V, TO-LCS -H	ug/m ³	0.97	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.4	1.963	EPA TO-15 Certifications:	10/02/2024 10:00	10/05/2024 03:08	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.85	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
67-63-0	Isopropanol	4.3	B	ug/m ³	0.97	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.80	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.71	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-09-2	Methylene chloride	ND		ug/m ³	1.4	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
91-20-3	* Naphthalene	ND	TO-CC V, TO-LCS -L	ug/m ³	2.1	1.963	EPA TO-15 Certifications: NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
142-82-5	n-Heptane	ND		ug/m ³	0.80	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR



Sample Information

Client Sample ID: SV-8

York Sample ID: 24I1848-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24I1848

353 McKibbin St, Brooklyn, NY 11206 A22-116. MC

Soil Vapor

September 27, 2024 11:15 am

09/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	n-Hexane	ND		ug/m ³	0.69	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
95-47-6	o-Xylene	1.1		ug/m ³	0.85	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
179601-23-1	p- & m- Xylenes	2.7		ug/m ³	1.7	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
622-96-8	* p-Ethyltoluene	1.4		ug/m ³	0.97	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
115-07-1	* Propylene	1.4		ug/m ³	0.34	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
100-42-5	Styrene	ND		ug/m ³	0.84	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.3	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.2	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
108-88-3	Toluene	5.3		ug/m ³	0.74	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.78	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.89	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
79-01-6	Trichloroethylene	0.63		ug/m ³	0.26	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.9	TO-CC V, TO-LCS -H	ug/m ³	1.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.69	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.86	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR
75-01-4	Vinyl Chloride	ND	TO-CC V	ug/m ³	0.25	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/02/2024 10:00	10/05/2024 03:08	YR



Analytical Batch Summary

Batch ID: BJ40242 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1848-05	SV-7R	10/02/24
BJ40242-BLK1	Blank	10/02/24
BJ40242-BS1	LCS	10/02/24

Batch ID: BJ40447 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1848-04	SV-6R	10/02/24
24I1848-06	SV-8	10/02/24
BJ40447-BLK1	Blank	10/04/24
BJ40447-BS1	LCS	10/04/24

Batch ID: BJ40600 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1848-01	SV-4	10/07/24
24I1848-02	SV-9	10/07/24
24I1848-03	SV-5R	10/07/24
BJ40600-BLK1	Blank	10/08/24
BJ40600-BS1	LCS	10/08/24



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

Batch BJ40242 - EPA TO15 PREP

Blank (BJ40242-BLK1)

Prepared & Analyzed: 10/02/2024

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	"



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 BJ40242 - EPA TO15 PREP

Blank (BJ40242-BLK1)

Prepared & Analyzed: 10/02/2024

Methylene chloride	ND	0.69	ug/m ³
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	"

LCS (BJ40242-BS1)

Prepared & Analyzed: 10/02/2024

1,1,1,2-Tetrachloroethane	8.90		ppbv	10.0	89.0	70-130
1,1,1-Trichloroethane	9.70		"	10.0	97.0	70-130
1,1,2,2-Tetrachloroethane	8.00		"	10.0	80.0	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.85		"	10.0	78.5	70-130
1,1,2-Trichloroethane	8.41		"	10.0	84.1	70-130
1,1-Dichloroethane	7.84		"	10.0	78.4	70-130
1,1-Dichloroethylene	8.38		"	10.0	83.8	70-130
1,2,4-Trichlorobenzene	8.76		"	10.0	87.6	70-130
1,2,4-Trimethylbenzene	9.29		"	10.0	92.9	70-130
1,2-Dibromoethane	8.84		"	10.0	88.4	70-130
1,2-Dichlorobenzene	9.61		"	10.0	96.1	70-130
1,2-Dichloroethane	8.36		"	10.0	83.6	70-130
1,2-Dichloropropane	7.78		"	10.0	77.8	70-130
1,2-Dichlorotetrafluoroethane	8.21		"	10.0	82.1	70-130
1,3,5-Trimethylbenzene	8.90		"	10.0	89.0	70-130
1,3-Butadiene	7.42		"	10.0	74.2	70-130
1,3-Dichlorobenzene	9.46		"	10.0	94.6	70-130
1,3-Dichloropropane	8.27		"	10.0	82.7	70-130
1,4-Dichlorobenzene	9.59		"	10.0	95.9	70-130
1,4-Dioxane	7.72		"	10.0	77.2	70-130
2,2,4-Trimethylpentane	7.76		"	10.0	77.6	70-130
2-Butanone	8.19		"	10.0	81.9	70-130
2-Hexanone	9.81		"	10.0	98.1	70-130
3-Chloropropene	7.89		"	10.0	78.9	70-130
4-Methyl-2-pentanone	9.12		"	10.0	91.2	70-130
Acetone	8.56		"	10.0	85.6	70-130
Acrylonitrile	7.79		"	10.0	77.9	70-130
Benzene	7.03		"	10.0	70.3	70-130
Benzyl chloride	8.06		"	10.0	80.6	70-130
Bromodichloromethane	8.72		"	10.0	87.2	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

Batch BJ40242 - EPA TO15 PREP

LCS (BJ40242-BS1)

Prepared & Analyzed: 10/02/2024

Bromoform	2.08		ppbv	10.0		20.8	70-130	Low Bias		
Bromomethane	6.99		"	10.0		69.9	70-130	Low Bias		
Carbon disulfide	6.97		"	10.0		69.7	70-130	Low Bias		
Carbon tetrachloride	10.4		"	10.0		104	70-130			
Chlorobenzene	7.96		"	10.0		79.6	70-130			
Chloroethane	6.74		"	10.0		67.4	70-130	Low Bias		
Chloroform	9.43		"	10.0		94.3	70-130			
Chloromethane	3.83		"	10.0		38.3	70-130	Low Bias		
cis-1,2-Dichloroethylene	7.75		"	10.0		77.5	70-130			
cis-1,3-Dichloropropylene	8.41		"	10.0		84.1	70-130			
Cyclohexane	7.78		"	10.0		77.8	70-130			
Dibromochloromethane	6.63		"	10.0		66.3	70-130	Low Bias		
Dichlorodifluoromethane	10.6		"	10.0		106	70-130			
Ethyl acetate	8.41		"	10.0		84.1	70-130			
Ethyl Benzene	8.10		"	10.0		81.0	70-130			
Hexachlorobutadiene	11.8		"	10.0		118	70-130			
Isopropanol	8.08		"	10.0		80.8	70-130			
Methyl Methacrylate	7.78		"	10.0		77.8	70-130			
Methyl tert-butyl ether (MTBE)	8.12		"	10.0		81.2	70-130			
Methylene chloride	7.37		"	10.0		73.7	70-130			
Naphthalene	11.2		"	10.0		112	70-130			
n-Heptane	8.20		"	10.0		82.0	70-130			
n-Hexane	7.67		"	10.0		76.7	70-130			
o-Xylene	8.58		"	10.0		85.8	70-130			
p- & m- Xylenes	16.7		"	20.0		83.4	70-130			
p-Ethyltoluene	8.77		"	10.0		87.7	70-130			
Propylene	8.37		"	10.0		83.7	70-130			
Styrene	8.47		"	10.0		84.7	70-130			
Tetrachloroethylene	13.3		"	10.0		133	70-130	High Bias		
Tetrahydrofuran	8.03		"	10.0		80.3	70-130			
Toluene	8.23		"	10.0		82.3	70-130			
trans-1,2-Dichloroethylene	8.12		"	10.0		81.2	70-130			
trans-1,3-Dichloropropylene	9.21		"	10.0		92.1	70-130			
Trichloroethylene	8.49		"	10.0		84.9	70-130			
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130			
Vinyl acetate	8.39		"	10.0		83.9	70-130			
Vinyl bromide	7.34		"	10.0		73.4	70-130			
Vinyl Chloride	3.38		"	10.0		33.8	70-130	Low Bias		



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 Limits	Flag	RPD	RPD	
		Limit							Limit	Flag

Batch BJ40447 - EPA TO15 PREP

Blank (BJ40447-BLK1)

Prepared & Analyzed: 10/04/2024

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	1.6	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	0.80	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

Batch BJ40447 - EPA TO15 PREP

Blank (BJ40447-BLK1)

Prepared & Analyzed: 10/04/2024

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 (BJ40447-BS1)

Prepared & Analyzed: 10/04/2024

1,1,1,2-Tetrachloroethane	11.1	ppbv	10.0	111	70-130	
1,1,1-Trichloroethane	15.2	"	10.0	152	70-130	High Bias
1,1,2,2-Tetrachloroethane	9.15	"	10.0	91.5	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	"	10.0	115	70-130	
1,1,2-Trichloroethane	9.85	"	10.0	98.5	70-130	
1,1-Dichloroethane	10.8	"	10.0	108	70-130	
1,1-Dichloroethylene	12.2	"	10.0	122	70-130	
1,2,4-Trichlorobenzene	6.17	"	10.0	61.7	70-130	Low Bias
1,2,4-Trimethylbenzene	10.7	"	10.0	107	70-130	
1,2-Dibromoethane	10.7	"	10.0	107	70-130	
1,2-Dichlorobenzene	11.0	"	10.0	110	70-130	
1,2-Dichloroethane	12.3	"	10.0	123	70-130	
1,2-Dichloropropane	8.77	"	10.0	87.7	70-130	
1,2-Dichlorotetrafluoroethane	11.1	"	10.0	111	70-130	
1,3,5-Trimethylbenzene	10.1	"	10.0	101	70-130	
1,3-Butadiene	10.7	"	10.0	107	70-130	
1,3-Dichlorobenzene	10.8	"	10.0	108	70-130	
1,3-Dichloropropane	9.68	"	10.0	96.8	70-130	
1,4-Dichlorobenzene	10.7	"	10.0	107	70-130	
1,4-Dioxane	9.19	"	10.0	91.9	70-130	
2,2,4-Trimethylpentane	10.8	"	10.0	108	70-130	
2-Butanone	10.2	"	10.0	102	70-130	
2-Hexanone	9.79	"	10.0	97.9	70-130	
3-Chloropropene	10.0	"	10.0	100	70-130	
4-Methyl-2-pentanone	9.16	"	10.0	91.6	70-130	
Acetone	10.1	"	10.0	101	70-130	
Acrylonitrile	10.4	"	10.0	104	70-130	
Benzene	9.92	"	10.0	99.2	70-130	
Benzyl chloride	8.45	"	10.0	84.5	70-130	
Bromodichloromethane	11.6	"	10.0	116	70-130	
Bromoform	10.9	"	10.0	109	70-130	



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BJ40447 - EPA TO15 PREP

LCS (BJ40447-BS1)

Prepared & Analyzed: 10/04/2024

Bromomethane	10.6		ppbv	10.0		106	70-130				
Carbon disulfide	9.80		"	10.0		98.0	70-130				
Carbon tetrachloride	16.7		"	10.0		167	70-130	High Bias			
Chlorobenzene	9.35		"	10.0		93.5	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	12.7		"	10.0		127	70-130				
Chloromethane	9.24		"	10.0		92.4	70-130				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
cis-1,3-Dichloropropylene	9.85		"	10.0		98.5	70-130				
Cyclohexane	10.9		"	10.0		109	70-130				
Dibromochloromethane	12.0		"	10.0		120	70-130				
Dichlorodifluoromethane	13.0		"	10.0		130	70-130				
Ethyl acetate	10.4		"	10.0		104	70-130				
Ethyl Benzene	9.61		"	10.0		96.1	70-130				
Hexachlorobutadiene	7.37		"	10.0		73.7	70-130				
Isopropanol	11.0		"	10.0		110	70-130				
Methyl Methacrylate	8.84		"	10.0		88.4	70-130				
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	70-130				
Methylene chloride	9.35		"	10.0		93.5	70-130				
Naphthalene	6.92		"	10.0		69.2	70-130	Low Bias			
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	10.7		"	10.0		107	70-130				
o-Xylene	9.95		"	10.0		99.5	70-130				
p- & m- Xylenes	20.1		"	20.0		101	70-130				
p-Ethyltoluene	10.5		"	10.0		105	70-130				
Propylene	8.90		"	10.0		89.0	70-130				
Styrene	9.17		"	10.0		91.7	70-130				
Tetrachloroethylene	11.1		"	10.0		111	70-130				
Tetrahydrofuran	9.81		"	10.0		98.1	70-130				
Toluene	9.40		"	10.0		94.0	70-130				
trans-1,2-Dichloroethylene	11.7		"	10.0		117	70-130				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Trichloroethylene	10.3		"	10.0		103	70-130				
Trichlorofluoromethane (Freon 11)	16.1		"	10.0		161	70-130	High Bias			
Vinyl acetate	9.15		"	10.0		91.5	70-130				
Vinyl bromide	11.0		"	10.0		110	70-130				
Vinyl Chloride	9.28		"	10.0		92.8	70-130				



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BJ40600 - EPA TO15 PREP

Blank (BJ40600-BLK1)

Prepared & Analyzed: 10/08/2024

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



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

York Analytical Laboratories, Inc. - Stratford

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

Batch BJ40600 - EPA TO15 PREP

Blank (BJ40600-BLK1)

Prepared & Analyzed: 10/08/2024

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

LCS (BJ40600-BS1)

Prepared & Analyzed: 10/08/2024

1,1,1,2-Tetrachloroethane	10.5	ppbv	10.0	105	70-130	
1,1,1-Trichloroethane	10.2	"	10.0	102	70-130	
1,1,2,2-Tetrachloroethane	10.6	"	10.0	106	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	"	10.0	102	70-130	
1,1,2-Trichloroethane	11.0	"	10.0	110	70-130	
1,1-Dichloroethane	9.54	"	10.0	95.4	70-130	
1,1-Dichloroethylene	10.3	"	10.0	103	70-130	
1,2,4-Trichlorobenzene	7.93	"	10.0	79.3	70-130	
1,2,4-Trimethylbenzene	12.7	"	10.0	127	70-130	
1,2-Dibromoethane	11.5	"	10.0	115	70-130	
1,2-Dichlorobenzene	12.2	"	10.0	122	70-130	
1,2-Dichloroethane	9.58	"	10.0	95.8	70-130	
1,2-Dichloropropane	10.6	"	10.0	106	70-130	
1,2-Dichlorotetrafluoroethane	8.71	"	10.0	87.1	70-130	
1,3,5-Trimethylbenzene	12.4	"	10.0	124	70-130	
1,3-Butadiene	14.6	"	10.0	146	70-130	High Bias
1,3-Dichlorobenzene	12.2	"	10.0	122	70-130	
1,3-Dichloropropane	11.1	"	10.0	111	70-130	
1,4-Dichlorobenzene	12.5	"	10.0	125	70-130	
1,4-Dioxane	12.4	"	10.0	124	70-130	
2,2,4-Trimethylpentane	12.0	"	10.0	120	70-130	
2-Butanone	9.90	"	10.0	99.0	70-130	
2-Hexanone	12.1	"	10.0	121	70-130	
3-Chloropropene	10.6	"	10.0	106	70-130	
4-Methyl-2-pentanone	11.5	"	10.0	115	70-130	
Acetone	9.61	"	10.0	96.1	70-130	
Acrylonitrile	9.62	"	10.0	96.2	70-130	
Benzene	10.4	"	10.0	104	70-130	
Benzyl chloride	8.47	"	10.0	84.7	70-130	
Bromodichloromethane	9.37	"	10.0	93.7	70-130	
Bromoform	0.660	"	10.0	6.60	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

Batch BJ40600 - EPA TO15 PREP

LCS (BJ40600-BS1)

Prepared & Analyzed: 10/08/2024

Bromomethane	13.9		ppbv	10.0		139	70-130	High Bias
Carbon disulfide	9.84		"	10.0		98.4	70-130	
Carbon tetrachloride	9.93		"	10.0		99.3	70-130	
Chlorobenzene	10.5		"	10.0		105	70-130	
Chloroethane	12.6		"	10.0		126	70-130	
Chloroform	9.87		"	10.0		98.7	70-130	
Chloromethane	8.26		"	10.0		82.6	70-130	
cis-1,2-Dichloroethylene	9.55		"	10.0		95.5	70-130	
cis-1,3-Dichloropropylene	12.1		"	10.0		121	70-130	
Cyclohexane	11.3		"	10.0		113	70-130	
Dibromochloromethane	5.62		"	10.0		56.2	70-130	Low Bias
Dichlorodifluoromethane	10.4		"	10.0		104	70-130	
Ethyl acetate	11.7		"	10.0		117	70-130	
Ethyl Benzene	11.8		"	10.0		118	70-130	
Hexachlorobutadiene	11.8		"	10.0		118	70-130	
Isopropanol	8.97		"	10.0		89.7	70-130	
Methyl Methacrylate	12.2		"	10.0		122	70-130	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130	
Methylene chloride	9.94		"	10.0		99.4	70-130	
Naphthalene	8.36		"	10.0		83.6	70-130	
n-Heptane	11.3		"	10.0		113	70-130	
n-Hexane	11.3		"	10.0		113	70-130	
o-Xylene	12.6		"	10.0		126	70-130	
p- & m- Xylenes	24.2		"	20.0		121	70-130	
p-Ethyltoluene	12.9		"	10.0		129	70-130	
Propylene	9.84		"	10.0		98.4	70-130	
Styrene	12.9		"	10.0		129	70-130	
Tetrachloroethylene	11.7		"	10.0		117	70-130	
Tetrahydrofuran	10.4		"	10.0		104	70-130	
Toluene	12.0		"	10.0		120	70-130	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130	
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130	
Trichloroethylene	10.9		"	10.0		109	70-130	
Trichlorofluoromethane (Freon 11)	10.1		"	10.0		101	70-130	
Vinyl acetate	7.04		"	10.0		70.4	70-130	
Vinyl bromide	11.2		"	10.0		112	70-130	
Vinyl Chloride	12.3		"	10.0		123	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-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 report full list CP-51.



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

YORK
ANALYTICAL LABORATORIES, INC.

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No.

2471848

Your

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time		
Company: <u>Laurel Environmental Sciences OPC</u> Address: <u>53 W. Hills Rd, Huntington Station, NY 11746</u> Phone: <u>631-673-0612</u> Contact: <u>Scott Yanvek</u> E-mail: <u>labreshts@laurelenv.com</u>		Company: <u>Geosciences OPC</u> Address: <u>Scott</u> Phone: <u></u> Contact: <u></u> E-mail: <u></u>		Company: <u>Kathy</u> Address: <u></u> Phone: <u></u> Contact: <u></u> E-mail: <u></u>		<u>A22-116. MC</u> YOUR Project Name <u>353 McKibbin St, Brooklyn, NY 11206</u>		RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day) ☒		
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.										
Samples Collected by: (print your name above and sign below) <u>Picky Frantelizza</u>		Air Matrix Codes AI - Indoor Ambient Air AO - Outdoor Amb. Air AE - Vapor Extraction Well/Process Gas/Effluent AS - Soil Vapor/Sub-Slab		Samples From New York New Jersey Connecticut Pennsylvania Other		Report / EDD Type (circle selections) ☒ Summary Report ☐ QA Report ☐ NY ASP A Package ☐ NY ASP B Package ☐ Other:			CT RCP CT RCP DQA/DUE NJDEP Reduced Deliv. NJDEP SRP HazSite	
						Standard Excel EDD EQUIS (Standard) ☒ NYSDEC EQUIS			YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Certified Canisters: Batch <u> </u> Individual <u> </u>		Please enter the following REQUIRED Field Data						Reporting Units: ug/m ³ <u> </u> ppbv <u> </u> ppmv <u> </u>		
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested			
SV-4	9/27/24 10:50	AS	-30	-6	16152	19412	T0-15			
SV-9	10:55			-8	15524	19406				
SG-504	11:00			-7	49977	20407				
SG-6R	11:05			-8	24128	19421				
SG-7R	11:10			-16	37808	16421				
SG-8	11:15			-9	48328	20453				
Comments: <u>Please take extra canister 49971</u>										
Detection Limits Required ≤ 1 ug/m ³ <u> </u> NYSDEC V1 Limits <u> </u> Routine Survey <u> </u> Other <u> </u>						Sampling Media 6 Liter Canister ☒ Tedlar Bag				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time					
<u>[Signature]</u>	9/30/24 09:00	<u>KBarbaryork</u>	9-30-24 1139 AM	<u>KBarbaryork</u>	9/30/24 17:45					
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time					
<u>NCCP</u>	9/30/24 17:45	<u>NCCP</u>	9/30/24							
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time					
				<u>K2</u>	10/1/24 11:00					

APPENDIX C

Soil Vapor Extraction System Field Measurements

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY 11206

Date: September 27, 2024

SVE Blower 1: 22,041.8 Hours

SVE Blower 2: 22,395.3 Hours

Vapor Extraction Leg	Vacuum (inches of water)	Flow Rate (ft per minute)
1A	0.5	10
1B	0.1	10.5
2A	0.1	18
2B	0.6	14
3A	0.3	15
3B	0.4	17
4A	N/A	N/A
4B	N/A	N/A

Note: N/A – System leg is not operational.

Soil Vapor Extraction Field Monitoring Sheet

Site:

353 McKibbin Street

Brooklyn, NY 11206

Date: October 29, 2024

SVE Blower 1: 23,529.4 Hours

SVE Blower 2: 23,748.5 Hours

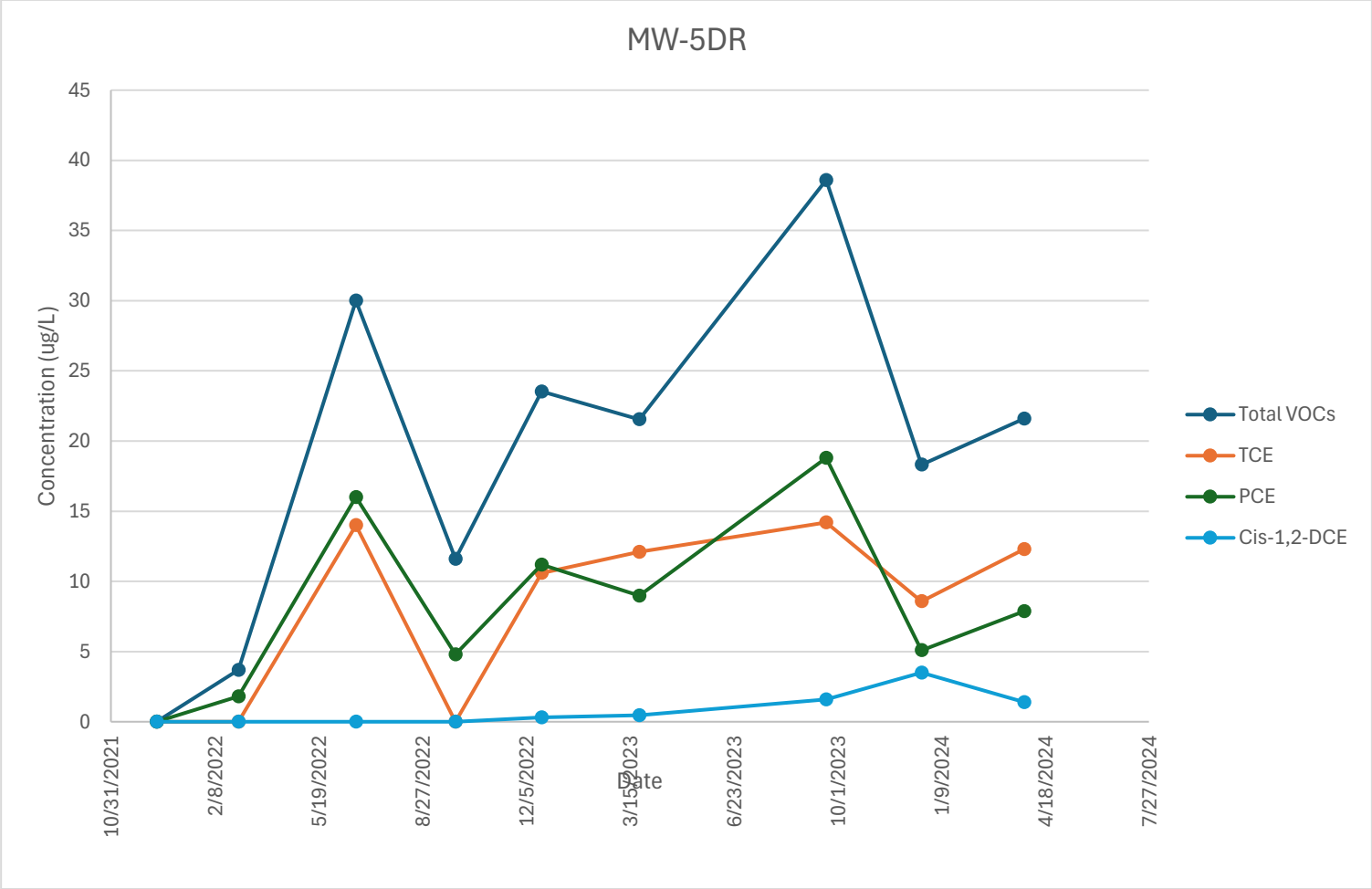
Vapor Extraction Leg	Vacuum (inches of water)	Flow Rate (ft per minute)
1A		
1B		
2A		
2B		
3A		
3B		
4A	N/A	N/A
4B	N/A	N/A

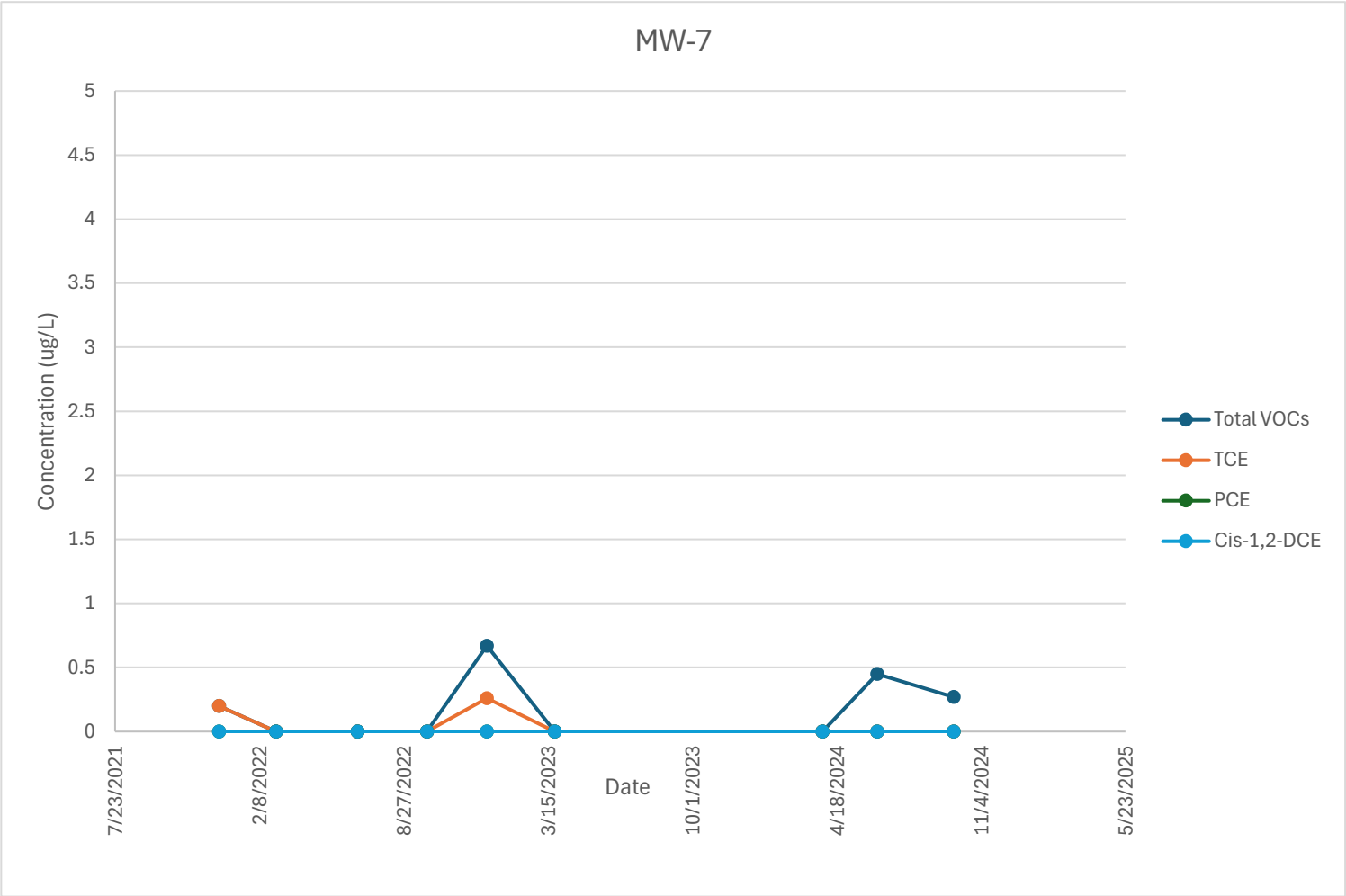
Note: N/A – System leg is not operational.

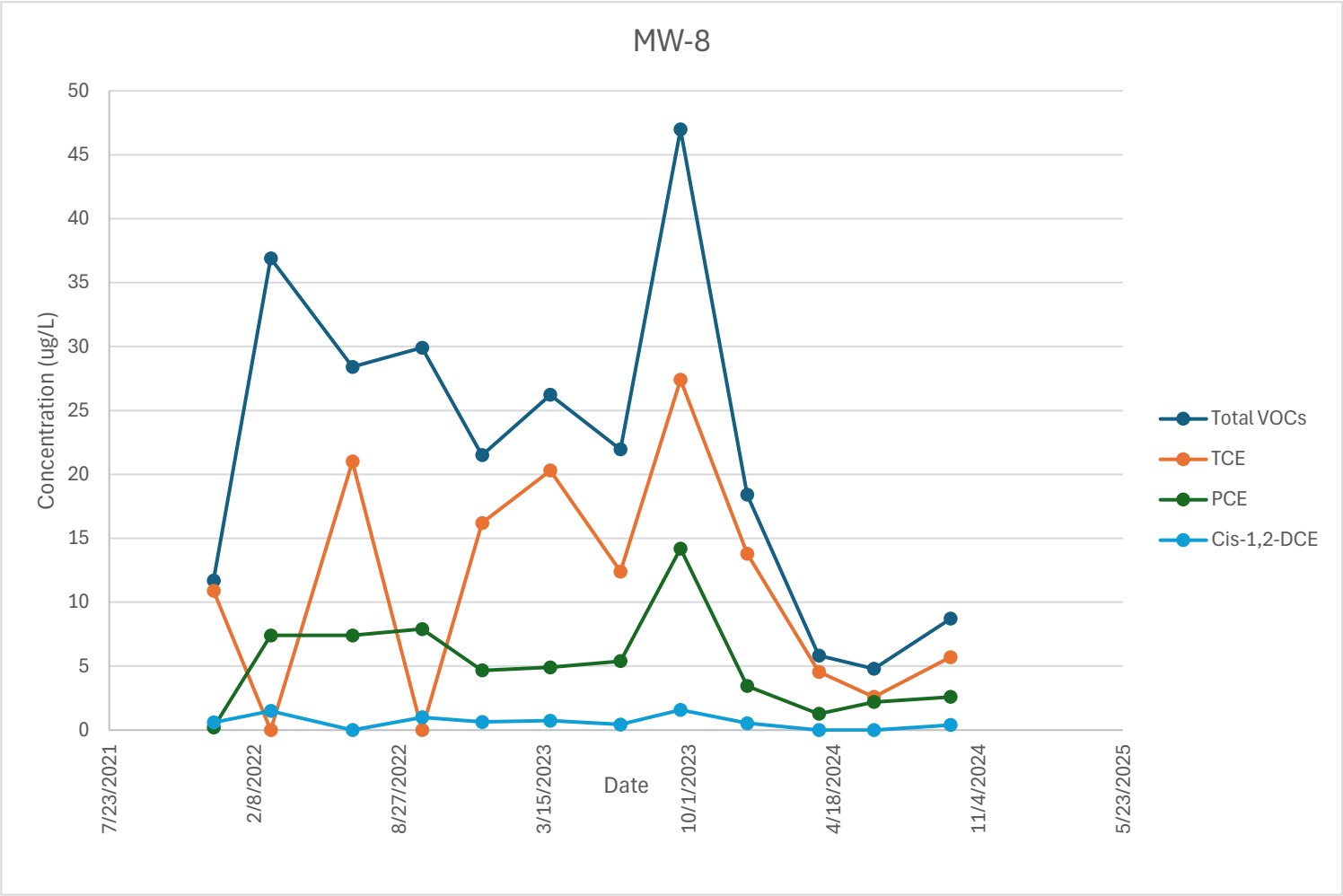


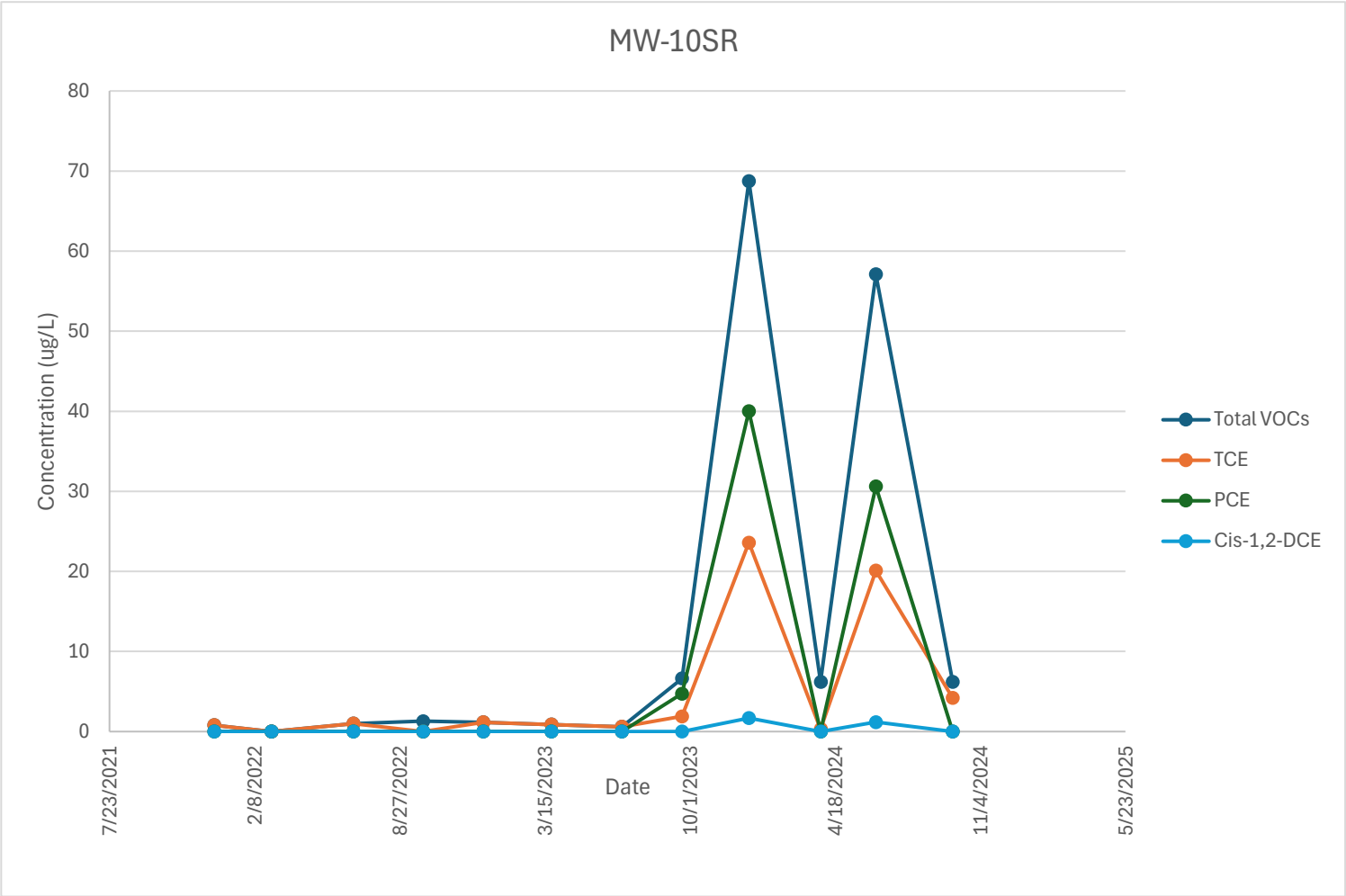
APPENDIX 5

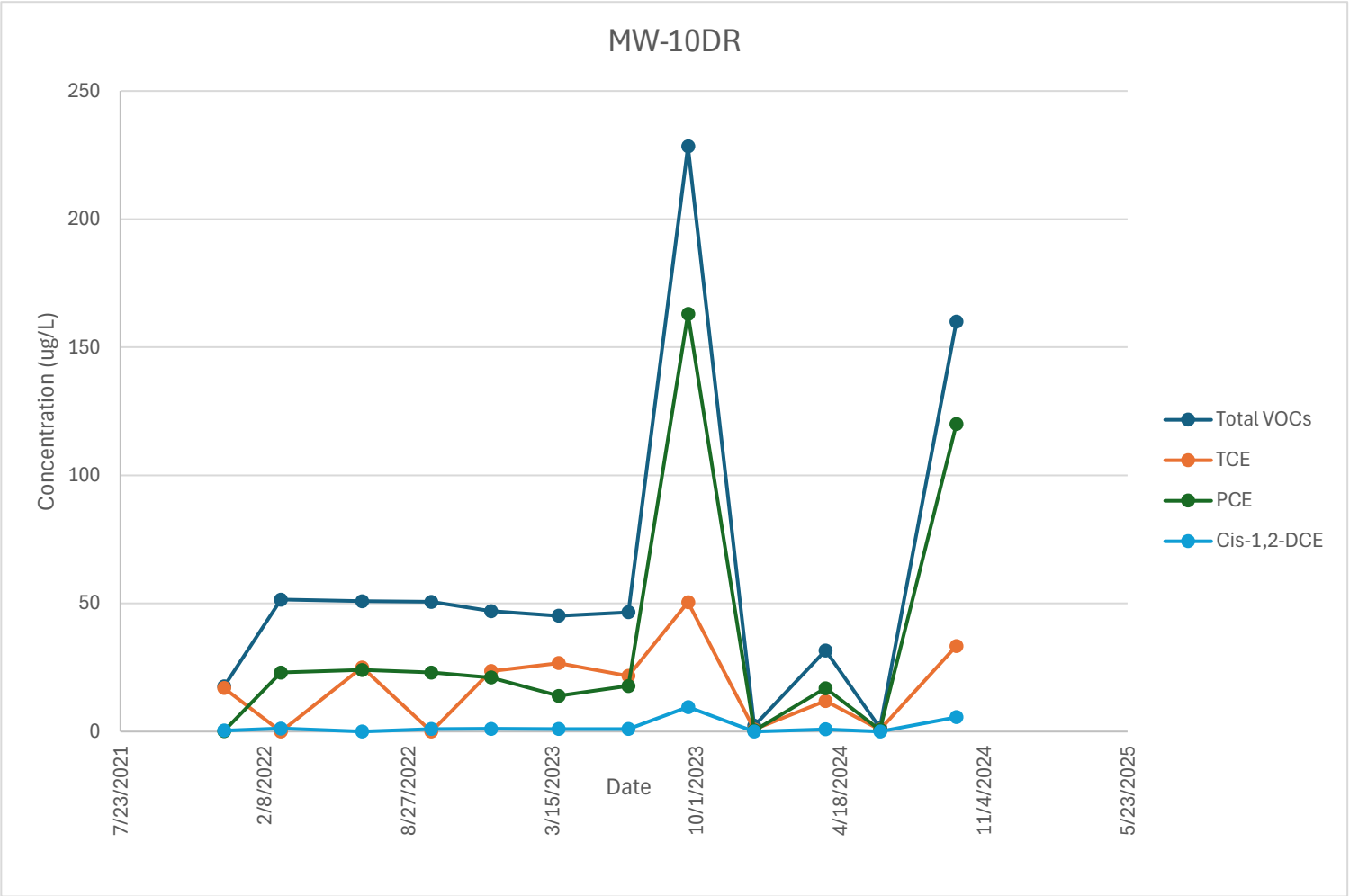
Groundwater Contaminant Trend Graphs

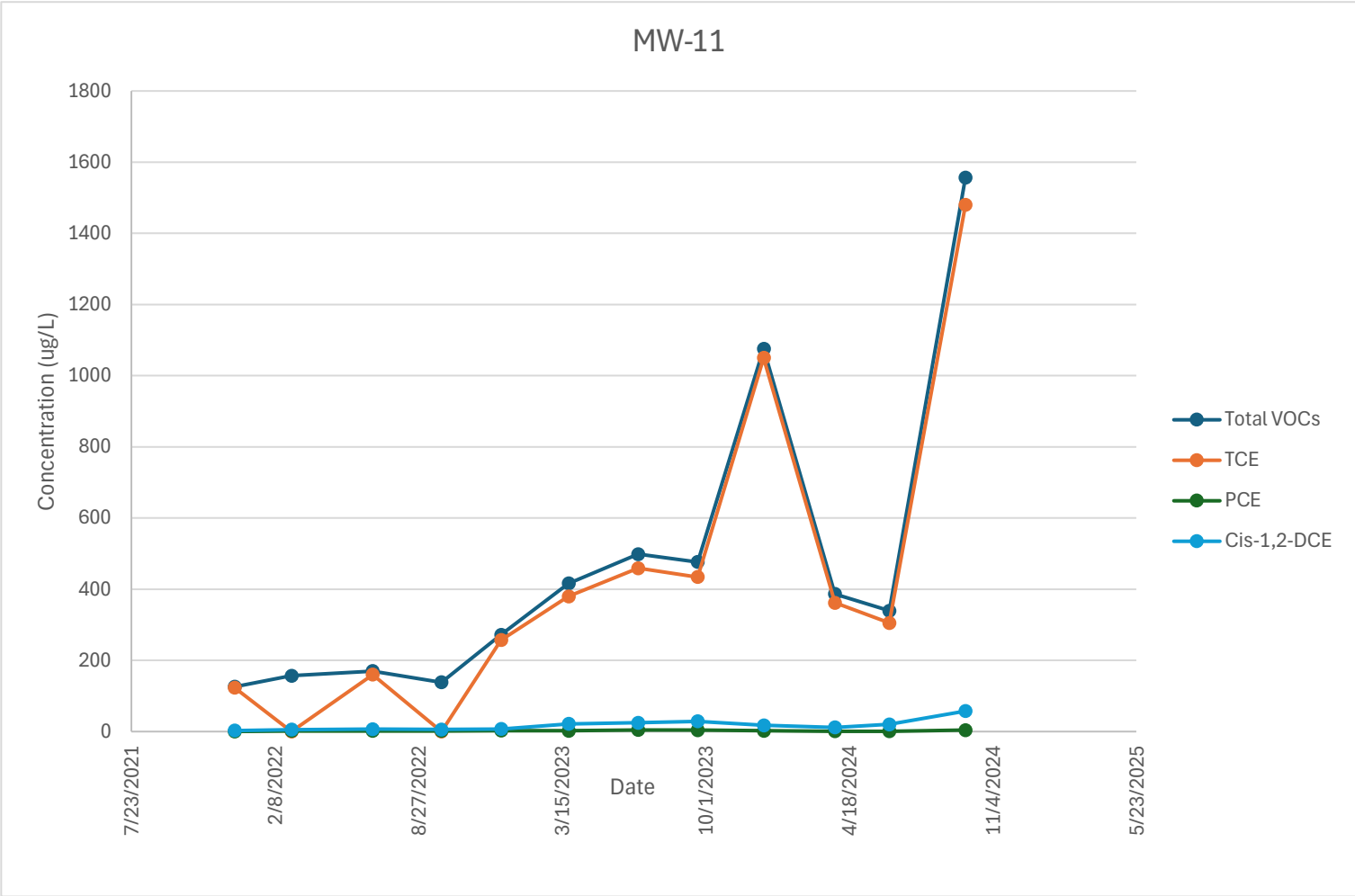


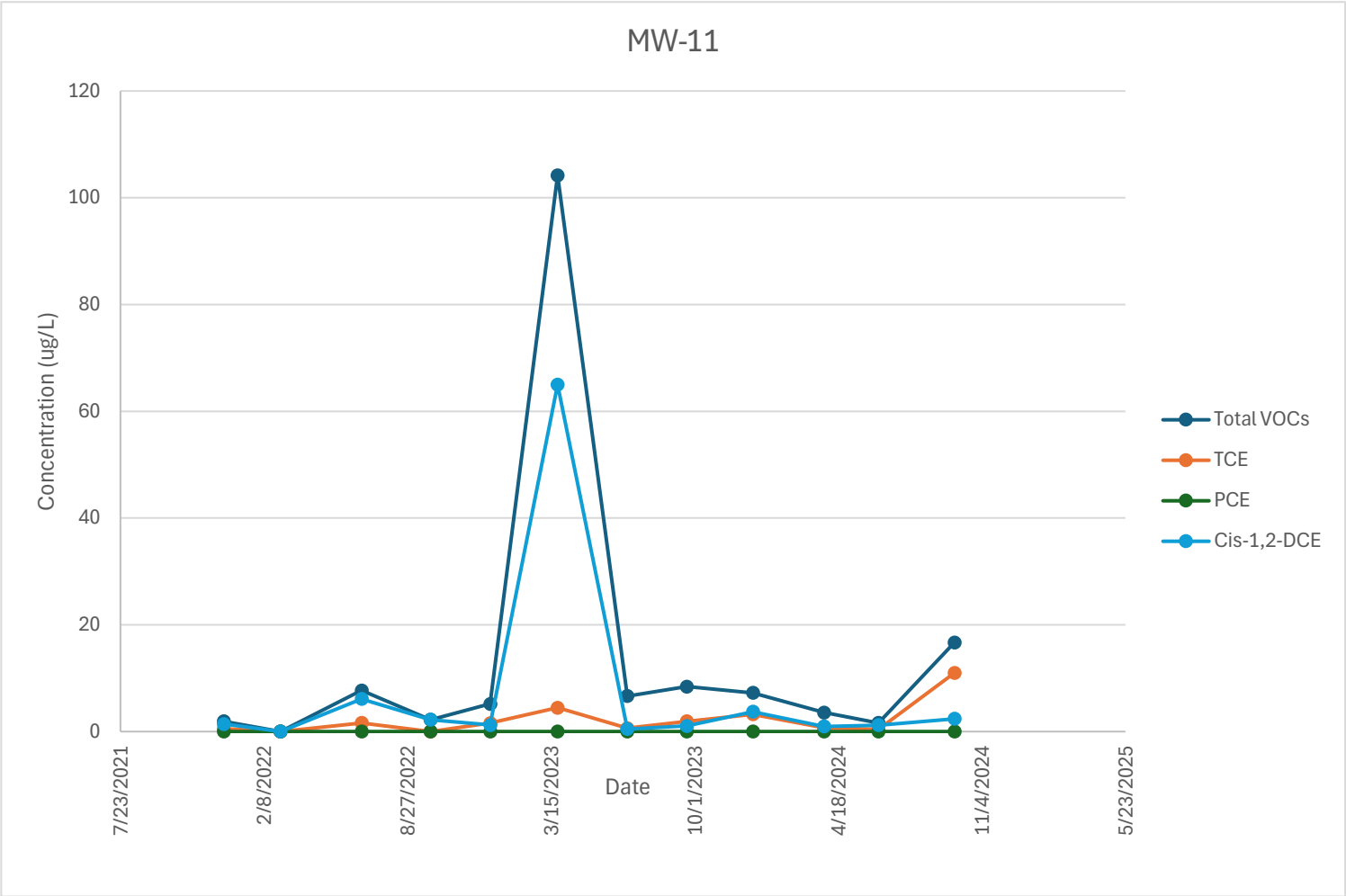


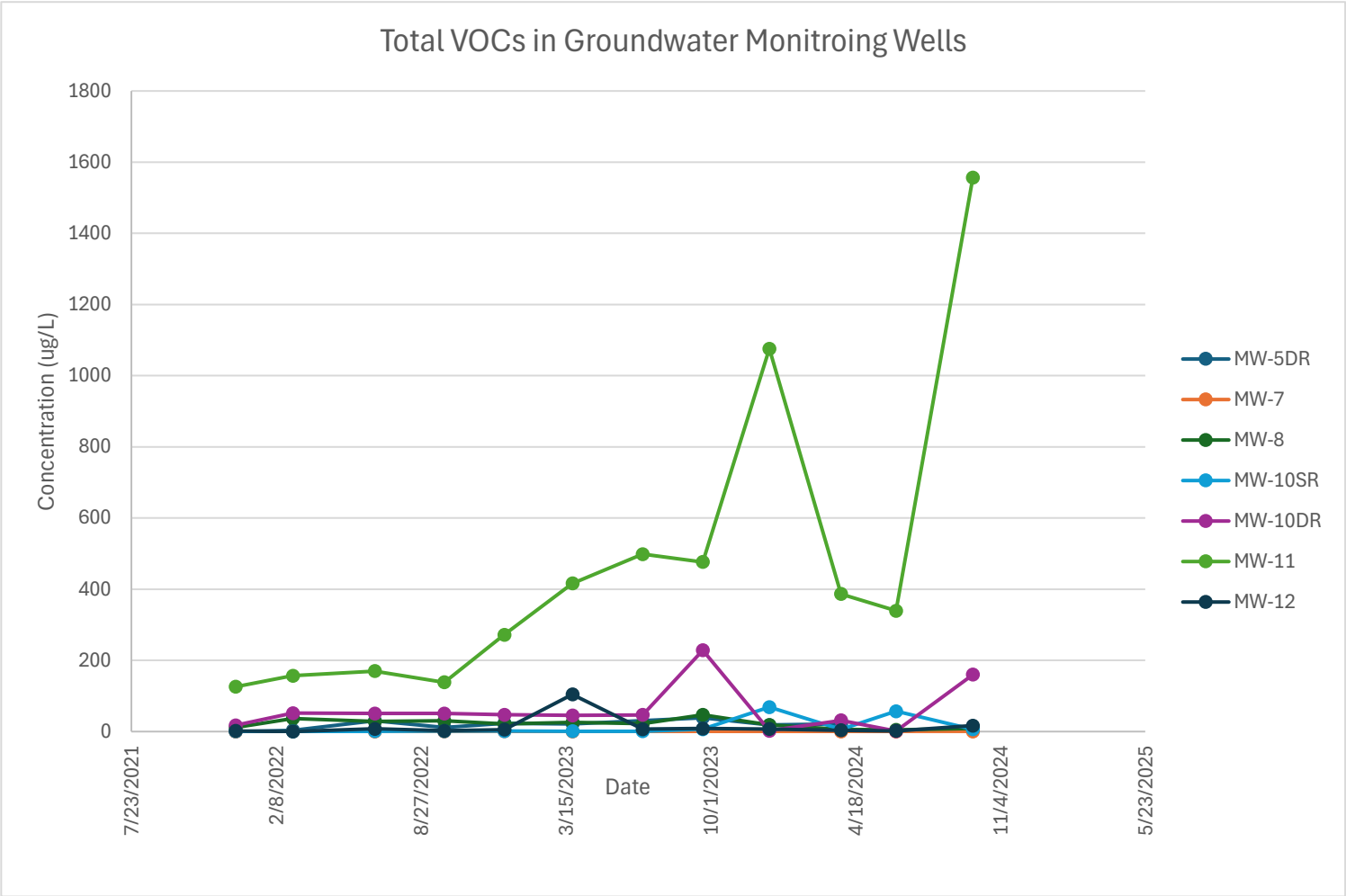








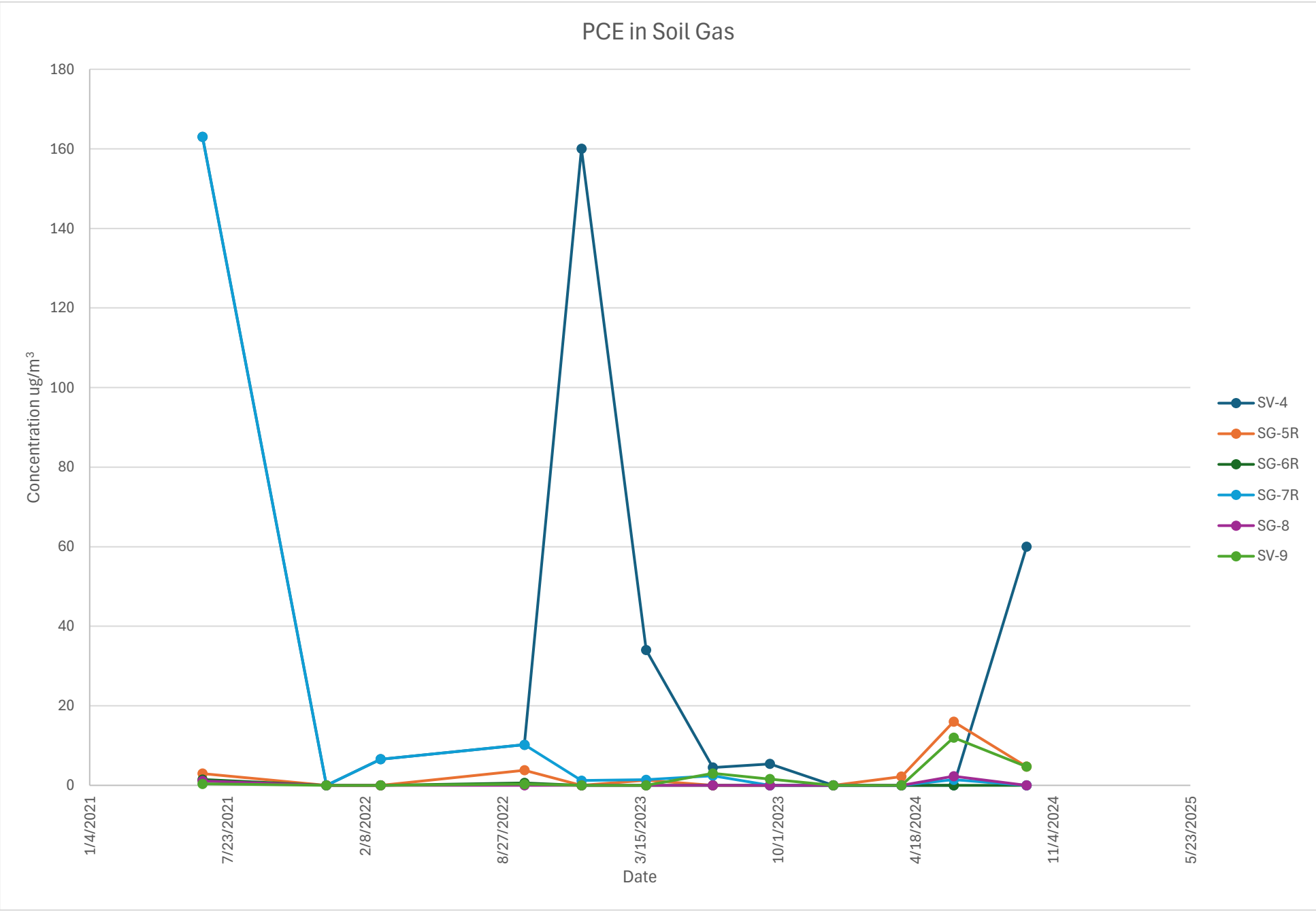


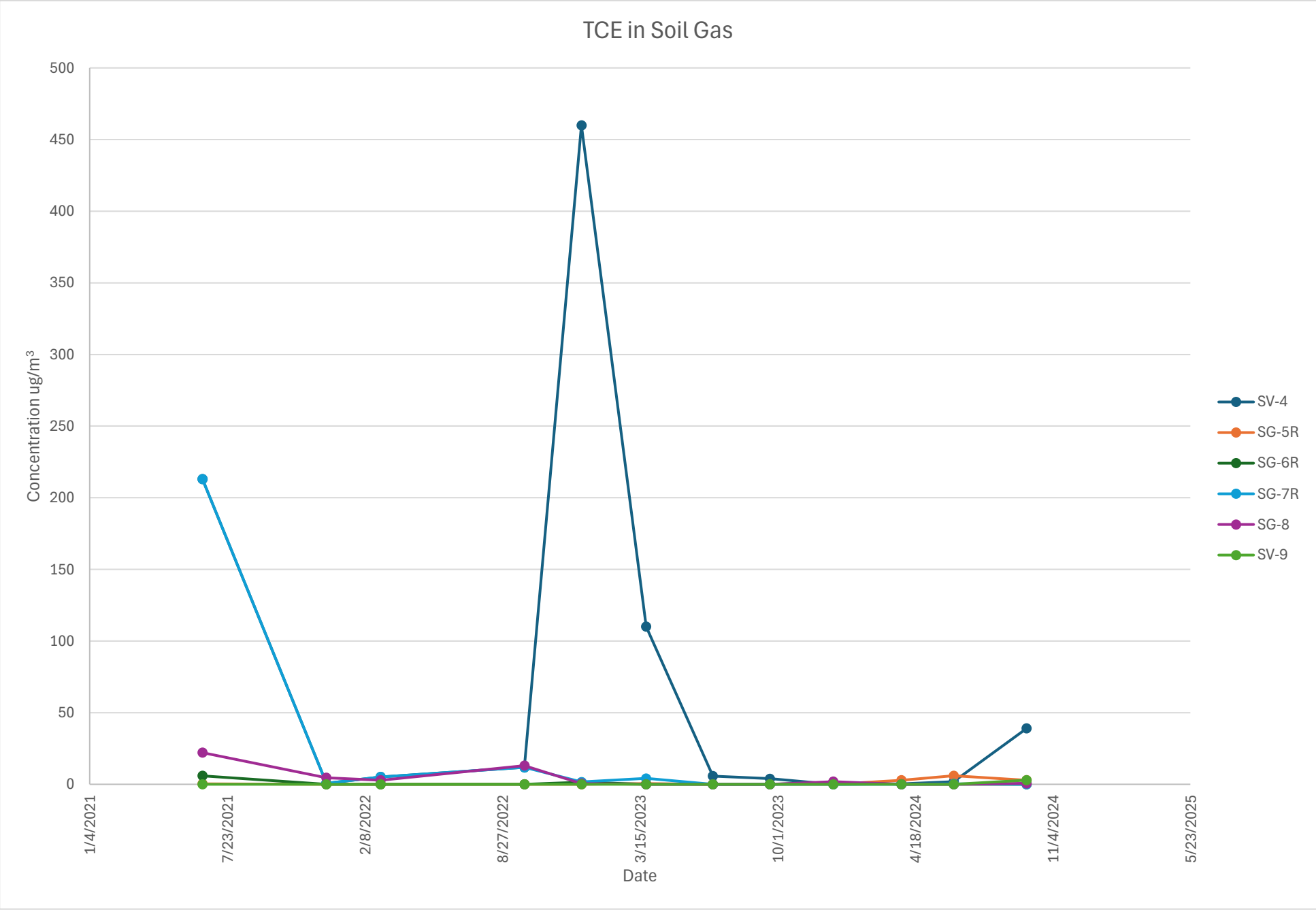




APPENDIX 6

Soil Gas Contaminant Trend Graphs







APPENDIX 7

Data Usability Summary Reports

DATA USABILITY SUMMARY REPORT
FOR
353 McKibbin Street, Brooklyn, NY A22-116 MC

York Analytical Laboratories Inc
York Project (SDG) No.: 23L1564
GROUNDWATER Samples
Collection Date – December 21, 2023

PREPARED FOR:

Laurel Environmental Geosciences D.P.C.
55 West Hills Road
Huntington Station, New York
Attn: Scott Yanuck

PREPARED BY:

Christine A. Camardella
54 Prentice Road
Levittown, New York 11756
chriscamardella@hotmail.com
516-946-1121

November 25, 2024

Data Usability Summary Report Introduction & Notes

Site: 353 McKibbin Street, Brooklyn, NY
Laboratory: York Analytical Laboratories Inc
Sample Collection Date: December 21, 2023
York Project (SDG) No. 23L1564

Date of Final Review: November 25, 2024
Reviewed by: Christine A. Camardella

Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX
MW-11	23L1564-01	GROUNDWATER
MW-12	23L1564-02	GROUNDWATER
MW-5DR	23L1564-03	GROUNDWATER
MW-105R	23L1564-04	GROUNDWATER
MW-10DR	23L1564-05	GROUNDWATER
MW-8	23L1564-06	GROUNDWATER
DUP	23L1564-07	GROUNDWATER
Trip Blank	23L1564-08	GROUNDWATER

Notes:

GW – Groundwater
NA – Not Analyzed
PFAS – Polyfluoroalkyl Substances
VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
Herbs – Herbicides
PCBs – Polychlorinated Biphenyl
Pest - Pesticides
LCS – Lab Control Sample
LCSD – Lab Control Sample Duplicate

Notes regarding Qualifiers:

York Analytical Laboratories Inc. – Definitions and Acronyms – please refer to laboratory report, page 60, for a complete list.

The following Qualifiers are used in the lab report:

1. **U** – It is assumed that the definition is “Indicates the compound was analyzed for but not detected”.

2. **D** – The value may indicate a dilution, however there is no definition for this qualifier.

The data package was evaluated as per:

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

The Data Usability Summary follows for each sample.

EPA 8260C – GROUNDWATER SAMPLES

3. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
 - a. Yes, the data package is complete as per DEC ASP Category B.
4. Have all the holding times been met?
 - a. Yes, all holding times have been met – Reviewed Holding Time Summary.
5. Form I – METHOD BLANK DATA SHEET - EPA 8260C
 - a. Review of reported laboratory data for WATER samples (Blank):
 - b. Water – Laboratory ID: BA40035-BLK1, BA40036-BLK1, BL32023-BLK1.
 - Qualifiers used:
 - U – Indicates the compound was analyzed for but not detected.
 - 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.
 - c. Data is Acceptable.
6. Form I – Organic Analysis Data Sheet – EPA 8260C
 - a. GROUNDWATER samples – MW-11, MW-12, MW-5DR, MW-105R, MW-10DR, MW-8, DUP, Trip Blank
 - Qualifiers used:
 - U – Indicates the compound was analyzed for but not detected.
 - 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.
 - B – Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Found in MW-105R, MW-10DR, MW-8 and DUP for Naphthalene.
 - QL-02 – This LCS analyte is outside Laboratory Recovery limits due to analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
 - ICVE – The value reported is ESTIMATED.
 - CCVE - The value reported is ESTIMATED.
 - CAL- E - The value reported is ESTIMATED.
 - b. Dilutions:
 - MW-11 had a 25X Dilution.
 - c. Reviewed Quantitation Reports for each sample.

7. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
 - a. Yes, all the QC Data falls within the protocol required limits and specifications.
 - b. Form II – Surrogate Standard Recovery and RT Summary
 - Qualifiers used:
 - None.
 - Data reviewed.
 - No exceptions noted - Acceptable.
 - c. Form III – LCS/LCS Duplicate Recovery
 - Laboratory ID: BA40035-BSI
 - One (1) value outside of QC limits - Tetrachloroethylene.
 - No Exceptions noted – Acceptable.
 - Laboratory ID: BA40035-BSD1
 - One (1) value outside of QC limits - Tetrachloroethylene.
 - No exceptions noted – Acceptable.
 - Laboratory ID: BA40036-BS1
 - One (1) value outside of QC limits - Tetrachloroethylene.
 - No exceptions noted – Acceptable.
 - Laboratory ID: BA40036-BSD1
 - Three (3) values outside of QC limits – Acrolein, tert-Butyl alcohol (TBA) and Tetrachloroethylene.
 - No exceptions noted – Acceptable.
 - Laboratory ID: BL32023-BSI
 - One (1) value outside of QC limits - Tetrachloroethylene.
 - No Exceptions noted – Acceptable.
 - Laboratory ID: BL32023-BSD1
 - Four (4) values outside of QC limits – 1,4-Dioxane, Acrolein, tert-Butyl alcohol (TBA) and Tetrachloroethylene.
 - No exceptions noted – Acceptable.
 - d. Form IV – Preparation Batch Summary
 - Observations Noted.
 - No Exceptions Noted – Acceptable.
 - e. Form V – Mass Spectrometer Instrument Performance Check
 - Lab Sample ID: 23L2719-TUN1 – PASS
 - Lab Sample ID: 23L2822-TUN1 – PASS
 - Lab Sample ID: 23L2941-TUN1 – PASS
 - Lab Sample ID: 24A0219-TUN1 – PASS

- Lab Sample ID: 24A0303-TUN1 – PASS
 - No exceptions noted – Acceptable.
- f. Form V – Analysis Batch (Sequence) Summary
- Acceptable.
- g. Form VI – Initial Calibration Data
- Calibration: SL30049 – exceeded method guidelines.
 - Calibration: SL30050 – exceeded method guidelines.
 - Reviewed Quantitation Reports.
 - No exceptions noted – Acceptable.
- h. Second-Source Calibration Verification
- Laboratory ID: S3L2719-SCV1
 - Three (3) values found outside of QC limits.
 - Data is acceptable.
 - Reviewed Quantitation Report.
 - Laboratory ID: S3L2822-SCV1
 - Four (4) values found outside of QC limits.
 - Data is acceptable.
 - Reviewed Quantitation Report.
- i. Form VII – Continuing Calibration Check
- Lab Sample ID: S3L2941-CCV1
 - Seven (7) values found outside of QC limits.
 - No exceptions noted – Acceptable.
 - Reviewed Quantitation Report.
 - Lab Sample ID: S4A0219-CCV1
 - Seven (7) values found outside of QC limits.
 - No exceptions noted – Acceptable.
 - Reviewed Quantitation Report.
 - Lab Sample ID: S4A0303-CCV1
 - Two (2) values found outside of QC limits.
 - No exceptions noted – Acceptable.
 - Reviewed Quantitation Report.
- j. Form VIII – Internal Standard Area and RT Summary
- No exceptions noted – Acceptable.
- k. Holding Time Summary Reviewed.
- l. Reviewed Method Detection and Reporting Limits.

8. Have all the data been generated using established and agreed upon analytical protocols?
 - a. Yes, all the data has been generated using established and agreed upon analytical protocols.
9. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
 - a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
 - Reviewed VOA Raw QC Data.
 - Reviewed Method Blank Raw Data.
 - Reviewed LCS Raw Data.
 - Reviewed Benchsheets.
10. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?
 - a. Yes, the correct data qualifiers have been used, exceptions have been noted in the beginning of the report.
11. Have any quality control (QC) exceedances been specifically noted in the DUSR?
 - a. The Quality Control data has been checked; any exceedances have been noted.

DATA USABILITY SUMMARY REPORT
FOR
353 McKibbin Street, Brooklyn, NY A22-116 MC

York Analytical Laboratories Inc
York Project (SDG) No.: 24D0010
GROUNDWATER Samples
Collection Date – March 29, 2024

PREPARED FOR:

Laurel Environmental Geosciences D.P.C.
55 West Hills Road
Huntington Station, New York
Attn: Scott Yanuck

PREPARED BY:

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November 25, 2024

353 McKibbin Street, Brooklyn, NY
March 29, 2024, Sampling Event
York Project (SDG) No.: 24D0010
November 25, 2024

Data Usability Summary Report Introduction & Notes

Site: 353 McKibbin Street, Brooklyn, NY
Laboratory: York Analytical Laboratories Inc
Sample Collection Date: March 29, 2024
York Project (SDG) No. 24D0010

Date of Final Review: November 25, 2024
Reviewed by: Christine A. Camardella

Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX
MW-5DR	24D0010-01	GROUNDWATER
MW-7	24D0010-02	GROUNDWATER
MW-8	24D0010-03	GROUNDWATER
MW-10S	24D0010-04	GROUNDWATER
MW-10D	24D0010-05	GROUNDWATER
MW-11	24D0010-06	GROUNDWATER
MW-12	24D0010-07	GROUNDWATER
DUP	24D0010-08	GROUNDWATER
Trip Blank	24D0010-09	WATER

Notes:

GW – Groundwater
NA – Not Analyzed
PFAS – Polyfluoroalkyl Substances
VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
Herbs – Herbicides
PCBs – Polychlorinated Biphenyl
Pest - Pesticides
LCS – Lab Control Sample
LCSD – Lab Control Sample Duplicate

Notes regarding Qualifiers:

York Analytical Laboratories Inc. – Definitions and Acronyms – please refer to laboratory report, page 63, for a complete list.

The following Qualifiers are used in the lab report:

1. **U** – It is assumed that the definition is “Indicates the compound was analyzed for but not detected”.
2. **D** – The value may indicate a dilution, however there is no definition for this qualifier.

The data package was evaluated as per:

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

The Data Usability Summary follows for each sample.

EPA 8260D – GROUNDWATER SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
 - a. Yes, the data package is complete as per DEC ASP Category B.
2. Have all the holding times been met?
 - a. Yes, all holding times have been met – Reviewed Holding Time Summary.
3. Form I – METHOD BLANK DATA SHEET - EPA 8260D
 - a. Review of reported laboratory data for WATER samples (Blank):
 - b. Water – Laboratory ID: BD40149-BLK1, BD40186-BLK1, BD40376-BLK1.
 - i. Qualifiers used:
 - ii. U – Indicates the compound was analyzed for but not detected.
 - iii. 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.
 - c. Data is Acceptable.
4. Form I – Organic Analysis Data Sheet – EPA 8260D
 - a. GROUNDWATER samples – MW-5DR, MW-7, MW-8, MW-10S, MW-10D, MW-11, MW-12, DUP, Trip Blank
 - i. Qualifiers used:
 - ii. U – Indicates the compound was analyzed for but not detected.
 - iii. 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.
 - iv. B – Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Found in Trip Blank for Methylene Chloride.
 - v. QL-02 – This LCS analyte is outside Laboratory Recovery limits due to analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
 - vi. ICVE – The value reported is ESTIMATED.
 - vii. CCVE - The value reported is ESTIMATED.
 - viii. CAL- E - The value reported is ESTIMATED.
 - b. Dilutions:
 - i. MW-11 had a 25X Dilution.
 - c. Reviewed Quantitation Reports for each sample.
5. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?

- a. Yes, all the QC Data falls within the protocol required limits and specifications.
- b. Form II – Surrogate Standard Recovery and RT Summary
 - i. Qualifiers used:
 - 1. None.
 - 2. Data reviewed.
 - ii. No exceptions noted - Acceptable.
- c. Form III – LCS/LCS Duplicate Recovery
 - i. Laboratory ID: BD40149-BSI
 - 1. One (1) value outside of QC limits - Tetrachloroethylene.
 - 2. No Exceptions noted – Acceptable.
 - ii. Laboratory ID: BA40149-BSD1
 - 1. Four (4) values outside of QC limits – 1,2,3-Trichlorobenzene, Naphthalene, p-Ethyltoluene, Tetrachloroethylene.
 - 2. No exceptions noted – Acceptable.
 - iii. Laboratory ID: BA40186-BS1
 - 1. Three (3) values outside of QC limits – Dichlorodifluoromethane, Tetrachloroethylene, and Tetrachloroethylene.
 - 2. No exceptions noted – Acceptable.
 - iv. Laboratory ID: BA40186-BSD1
 - 1. Two (2) values outside of QC limits – Dichlorodifluoromethane, and Tetrachloroethylene.
 - 2. No exceptions noted – Acceptable.
 - v. Laboratory ID: BD40376-BSI
 - 1. Four (4) values outside of QC limits – 1,2,3-Trichlorobenzene, Naphthalene, p-Ethyltoluene, Tetrachloroethylene.
 - 2. No Exceptions noted – Acceptable.
 - vi. Laboratory ID: BD40376-BSD1
 - 1. Seven (7) values outside of QC limits – 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,4-Dioxane, Dichlorodifluoromethane, Naphthalene, Tetrachloroethylene and Trichlorofluoromethane.
 - 2. No exceptions noted – Acceptable.
- d. Form IV – Preparation Batch Summary
 - i. Observations Noted.
 - ii. No Exceptions Noted – Acceptable.
- e. Form V – Mass Spectrometer Instrument Performance Check
 - i. Lab Sample ID: 24C2726-TUN1 – PASS
 - ii. Lab Sample ID: 24D0321-TUN1 – PASS

- iii. Lab Sample ID: 24D0323-TUN1 – PASS
 - iv. Lab Sample ID: 24D0427-TUN1 – PASS
 - v. No exceptions noted – Acceptable.
 - f. Form V – Analysis Batch (Sequence) Summary
 - i. Acceptable.
 - g. Form VI – Initial Calibration Data
 - i. Calibration: SC40052 – exceeded method guidelines.
 - ii. Calibration: SL30050 – exceeded method guidelines.
 - iii. Reviewed Quantitation Reports.
 - iv. No exceptions noted – Acceptable.
 - h. Second-Source Calibration Verification
 - i. Laboratory ID: S4C2726-SCV1
 - 1. Two (2) values found outside of QC limits.
 - 2. Data is acceptable.
 - 3. Reviewed Quantitation Report.
 - i. Form VII – Continuing Calibration Check
 - i. Lab Sample ID: S4D0321-CCV1
 - 1. Seven (7) values found outside of QC limits.
 - 2. No exceptions noted – Acceptable.
 - 3. Reviewed Quantitation Report.
 - ii. Lab Sample ID: S4D0323-CCV1
 - 1. Thirteen (13) values found outside of QC limits.
 - 2. No exceptions noted – Acceptable.
 - 3. Reviewed Quantitation Report.
 - iii. Lab Sample ID: S4D0427-CCV1
 - 1. Sixteen (16) values found outside of QC limits.
 - 2. No exceptions noted – Acceptable.
 - 3. Reviewed Quantitation Report.
 - j. Form VIII – Internal Standard Area and RT Summary
 - i. No exceptions noted – Acceptable.
 - k. Holding Time Summary Reviewed.
 - l. Reviewed Method Detection and Reporting Limits.
6. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.
7. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
 - i. Reviewed VOA Raw QC Data.
 - ii. Reviewed Method Blank Raw Data.
 - iii. Reviewed LCS Raw Data.
 - iv. Reviewed Benchsheets.
8. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?
- a. Yes, the correct data qualifiers have been used, exceptions have been noted in the beginning of the report.
9. Have any quality control (QC) exceedances been specifically noted in the DUSR?
- a. The Quality Control data has been checked; any exceedances have been noted.

DATA USABILITY SUMMARY REPORT
FOR
353 McKibbin Street, Brooklyn, NY A22-116

York Analytical Laboratories Inc
York Project (SDG) No.: 24F1023
GROUNDWATER Samples
Collection Date – June 13, 2024

PREPARED FOR:

Laurel Environmental Geosciences D.P.C.
55 West Hills Road
Huntington Station, New York
Attn: Scott Yanuck

PREPARED BY:

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516-946-1121

November 26, 2024

353 McKibbin Street, Brooklyn, NY
June 13, 2024, Sampling Event
York Project (SDG) No.: 24F1023
November 26, 2024

Data Usability Summary Report Introduction & Notes

Site: 353 McKibbin Street, Brooklyn, NY
Laboratory: York Analytical Laboratories Inc
Sample Collection Date: June 13, 2024
York Project (SDG) No. 24F1023

Date of Final Review: November 26, 2024
Reviewed by: Christine A. Camardella

Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX
MW-7	24F1023-01	GROUNDWATER
MW-8	24F1023-02	GROUNDWATER
MW-10SR	24F1023-03	GROUNDWATER
MW-10DR	24F1023-04	GROUNDWATER
MW-11	24F1023-05	GROUNDWATER
MW-12	24F1023-06	GROUNDWATER
DUP	24F1023-07	GROUNDWATER
Trip Blank	24F1023-08	WATER

Notes:

GW – Groundwater
NA – Not Analyzed
PFAS – Polyfluoroalkyl Substances
VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
Herbs – Herbicides
PCBs – Polychlorinated Biphenyl
Pest - Pesticides
LCS – Lab Control Sample
LCSD – Lab Control Sample Duplicate

Notes regarding Qualifiers:

York Analytical Laboratories Inc. – Definitions and Acronyms – please refer to laboratory report, page 63, for a complete list.

The following Qualifiers are used in the lab report:

1. **U** – It is assumed that the definition is “Indicates the compound was analyzed for but not detected”.

353 McKibbin Street, Brooklyn, NY
June 13, 2024, Sampling Event
York Project (SDG) No.: 24F1023
November 26, 2024

The data package was evaluated as per:

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

The Data Usability Summary follows for each sample.

EPA 8260D – GROUNDWATER SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
 - a. Yes, the data package is complete as per DEC ASP Category B.
2. Have all the holding times been met?
 - a. Yes, all holding times have been met – Reviewed Holding Time Summary.
3. Form I – METHOD BLANK DATA SHEET - EPA 8260D
 - a. Review of reported laboratory data for WATER samples (Blank):
 - b. Water – Laboratory ID: BF41151-BLK1, BF41334-BLK1.
 - i. Qualifiers used:
 - ii. U – Indicates the compound was analyzed for but not detected.
 - iii. 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.
 - c. Data is Acceptable.
4. Form I – Organic Analysis Data Sheet – EPA 8260D
 - a. GROUNDWATER samples –MW-7, MW-8, MW-10SR, MW-10DR, MW-11, MW-12, DUP, Trip Blank
 - i. Qualifiers used:
 - ii. U – Indicates the compound was analyzed for but not detected.
 - iii. 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.
 - iv. 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.
 - v. ICVE – The value reported is ESTIMATED.
 - vi. CCVE - The value reported is ESTIMATED.
 - vii. CAL- E - The value reported is ESTIMATED.
 - b. Dilutions:
 - i. MW-11 had a 10X Dilution.
 - c. Reviewed Quantitation Reports for each sample.
5. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
 - a. Yes, all the QC Data falls within the protocol required limits and specifications.

- b. Form II – Surrogate Standard Recovery and RT Summary
 - i. Qualifiers used:
 - 1. One (1) value outside of QC limits for:
 - a. Blank (BF41151-BLK1) – SURR: 1,2-Dichloroethane-d4.
 - 2. Data reviewed.
 - ii. No exceptions noted - Acceptable.
- c. Form III – LCS/LCS Duplicate Recovery
 - i. Laboratory ID: BF41151-BSI
 - 1. One (1) value outside of QC limits - Tetrachloroethylene.
 - 2. No Exceptions noted – Acceptable.
 - ii. Laboratory ID: BF41151-BSD1
 - 1. One (1) value outside of QC limits – Tetrachloroethylene.
 - 2. No exceptions noted – Acceptable.
 - iii. Laboratory ID: BF41334-BS1
 - 1. No values outside of QC limits.
 - 2. No exceptions noted – Acceptable.
 - iv. Laboratory ID: BF41334-BSD1
 - 1. Four (4) values outside of QC limits – 1,2,3-Trichlorobenzene, 1,4-Dioxane, Acetone, and Tetrachloroethylene.
 - 2. No exceptions noted – Acceptable.
- d. Form IV – Preparation Batch Summary
 - i. Observations Noted.
 - ii. No Exceptions Noted – Acceptable.
- e. Form V – Mass Spectrometer Instrument Performance Check
 - i. Lab Sample ID: 24F1027-TUN1 – PASS
 - ii. Lab Sample ID: 24F1819-TUN1 – PASS
 - iii. Lab Sample ID: 24F1907-TUN1 – PASS
 - iv. Lab Sample ID: 24F2122-TUN1 – PASS
 - v. No exceptions noted – Acceptable.
- f. Form V – Analysis Batch (Sequence) Summary
 - i. Acceptable.
- g. Form VI – Initial Calibration Data
 - i. Calibration: SF40012 – exceeded method guidelines.
 - ii. Calibration: SF40024 – exceeded method guidelines.
 - iii. Reviewed Quantitation Reports.
 - iv. No exceptions noted – Acceptable.
- h. Second-Source Calibration Verification
 - i. Laboratory ID: S4F1027-SCV1

1. Three (3) values found outside of QC limits.
 2. Data is acceptable.
 3. Reviewed Quantitation Report.
 - ii. Laboratory ID: S4F1819-SCV1
 1. Three (3) values found outside of QC limits.
 2. Data is acceptable.
 3. Reviewed Quantitation Report.
 - i. Form VII – Continuing Calibration Check
 - i. Lab Sample ID: S4F1907-CCV1
 1. Two (2) values found outside of QC limits.
 2. No exceptions noted – Acceptable.
 3. Reviewed Quantitation Report.
 - ii. Lab Sample ID: S4F2122-CCV1
 1. Four (4) values found outside of QC limits.
 2. No exceptions noted – Acceptable.
 3. Reviewed Quantitation Report.
 - j. Form VIII – Internal Standard Area and RT Summary
 - i. No exceptions noted – Acceptable.
 - k. Holding Time Summary Reviewed.
 - l. Reviewed Method Detection and Reporting Limits.
6. Have all the data been generated using established and agreed upon analytical protocols?
 - a. Yes, all the data has been generated using established and agreed upon analytical protocols.
7. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
 - a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
 - i. Reviewed VOA Raw QC Data.
 - ii. Reviewed Method Blank Raw Data.
 - iii. Reviewed LCS Raw Data.
 - iv. Reviewed Benchsheets.
8. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used, exceptions have been noted in the beginning of the report.
9. Have any quality control (QC) exceedances been specifically noted in the DUSR?
- a. The Quality Control data has been checked; any exceedances have been noted.

DATA USABILITY SUMMARY REPORT
FOR
353 McKibbin Street, Brooklyn, NY A22-116.MC

York Analytical Laboratories Inc
York Project (SDG) No.: 24I1898
GROUNDWATER Samples
Collection Date – September 27, 2024

PREPARED FOR:

Laurel Environmental Geosciences D.P.C.
55 West Hills Road
Huntington Station, New York
Attn: Scott Yanuck

PREPARED BY:

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516-946-1121

November 26, 2024

353 McKibbin Street, Brooklyn, NY
September 27, 2024, Sampling Event
York Project (SDG) No.: 24I1898
November 26, 2024

Data Usability Summary Report Introduction & Notes

Site: 353 McKibbin Street, Brooklyn, NY
Laboratory: York Analytical Laboratories Inc
Sample Collection Date: September 27, 2024
York Project (SDG) No. 24I1898

Date of Final Review: November 26, 2024
Reviewed by: Christine A. Camardella

Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX
MW-7	24I1898-01	GROUNDWATER
MW-8	24I1898-02	GROUNDWATER
MW-10S	24I1898-03	GROUNDWATER
MW-10D	24I1898-04	GROUNDWATER
MW-11	24I1898-05	GROUNDWATER
MW-12	24I1898-06	GROUNDWATER
DUP	24I1898-07	GROUNDWATER
Trip Blank	24I1898-08	WATER

Notes:

GW – Groundwater
NA – Not Analyzed
PFAS – Polyfluoroalkyl Substances
VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
Herbs – Herbicides
PCBs – Polychlorinated Biphenyl
Pest - Pesticides
LCS – Lab Control Sample
LCSD – Lab Control Sample Duplicate

Notes regarding Qualifiers:

York Analytical Laboratories Inc. – Definitions and Acronyms – please refer to laboratory report, page 63, for a complete list.

The following Qualifiers are used in the lab report:

1. **U** – It is assumed that the definition is “Indicates the compound was analyzed for but not detected”.

The data package was evaluated as per:

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

The Data Usability Summary follows for each sample.

EPA 8260D – GROUNDWATER SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
 - a. Yes, the data package is complete as per DEC ASP Category B.
2. Have all the holding times been met?
 - a. Yes, all holding times have been met – Reviewed Holding Time Summary.
3. Form I – METHOD BLANK DATA SHEET - EPA 8260D
 - a. Review of reported laboratory data for WATER samples (Blank):
 - b. Water – Laboratory ID: BJ40320-BLK1, BJ40433-BLK1.
 - i. Qualifiers used:
 - ii. U – Indicates the compound was analyzed for but not detected.
 - iii. 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.
 - c. Data is Acceptable.
4. Form I – Organic Analysis Data Sheet – EPA 8260D
 - a. GROUNDWATER samples –MW-7, MW-8, MW-10SR, MW-10DR, MW-11, MW-12, DUP, Trip Blank
 - i. Qualifiers used:
 - ii. U – Indicates the compound was analyzed for but not detected.
 - iii. 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.
 - iv. B – Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
 1. MW-7, MW-10S and Trip Blank - Naphthalene
 - v. 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.
 - vi. ICVE – The value reported is ESTIMATED.
 - vii. CCVE - The value reported is ESTIMATED.
 - viii. CAL- E - The value reported is ESTIMATED.
 - b. Dilutions:
 - i. MW-10D had a 10X Dilution.
 - ii. MW-11 had a 25X Dilution.
 - c. Reviewed Quantitation Reports for each sample.

5. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
 - a. Yes, all the QC Data falls within the protocol required limits and specifications.
 - b. Form II – Surrogate Standard Recovery and RT Summary
 - i. Qualifiers used:
 - a. None.
 2. Data reviewed.
 - ii. No exceptions noted - Acceptable.
 - c. Form III – LCS/LCS Duplicate Recovery
 - i. Laboratory ID: BJ40320-BSI
 1. Four (4) values outside of QC limits – 1,1-Dichloroethane, Bromomethane, Chloroethane and Tetrachloroethylene.
 2. No Exceptions noted – Acceptable.
 - ii. Laboratory ID: BJ40433-BSI1
 1. Four (4) values outside of QC limits – 1,2-Dibromo-3-chloropropane, Acetone, Acrolein and Tetrachloroethylene.
 2. No exceptions noted – Acceptable.
 - d. Form IV – Preparation Batch Summary
 - i. Observations Noted.
 - ii. No Exceptions Noted – Acceptable.
 - e. Form V – Mass Spectrometer Instrument Performance Check
 - i. Lab Sample ID: 24I2712-TUN1 – PASS
 - ii. Lab Sample ID: 24J0311-TUN1 – PASS
 - iii. Lab Sample ID: 24J0434-TUN1 – PASS
 - iv. Lab Sample ID: 24J0727-TUN1 – PASS
 - v. No exceptions noted – Acceptable.
 - f. Form V – Analysis Batch (Sequence) Summary
 - i. Acceptable.
 - g. Form VI – Initial Calibration Data
 - i. Calibration: SI40044 – exceeded method guidelines.
 - ii. Calibration: SJ40004 – exceeded method guidelines.
 - iii. Reviewed Quantitation Reports.
 - iv. No exceptions noted – Acceptable.
 - h. Second-Source Calibration Verification
 - i. Laboratory ID: S4I2712-SCV1

1. Five (5) values found outside of QC limits.
 2. Data is acceptable.
 3. Reviewed Quantitation Report.
 - ii. Laboratory ID: S4J0311-SCV1
 1. Three (3) values found outside of QC limits.
 2. Data is acceptable.
 3. Reviewed Quantitation Report.
 - i. Form VII – Continuing Calibration Check
 - i. Lab Sample ID: S4J0434-CCV1
 1. Thirteen (13) values found outside of QC limits.
 2. No exceptions noted – Acceptable.
 3. Reviewed Quantitation Report.
 - ii. Lab Sample ID: S4J0727-CCV1
 1. Eight (8) values found outside of QC limits.
 2. No exceptions noted – Acceptable.
 3. Reviewed Quantitation Report.
 - j. Form VIII – Internal Standard Area and RT Summary
 - i. No exceptions noted – Acceptable.
 - k. Holding Time Summary Reviewed.
 - l. Reviewed Method Detection and Reporting Limits.
6. Have all the data been generated using established and agreed upon analytical protocols?
- a. Yes, all the data has been generated using established and agreed upon analytical protocols.
7. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
 - i. Reviewed VOA Raw QC Data.
 - ii. Reviewed Method Blank Raw Data.
 - iii. Reviewed LCS Raw Data.
 - iv. Reviewed Benchsheets.
8. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used, exceptions have been noted in the beginning of the report.
- 9. Have any quality control (QC) exceedances been specifically noted in the DUSR?
 - a. The Quality Control data has been checked; any exceedances have been noted.