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SUPPLEMENTAL SITE CHARACTERIZATION REPORT

For

566-568 Grand Street,
Brooklyn, New York
Kings County, Block 2785 and Lot 27

NYSDEC Site #224356
Index No. R2-20220310-52

Prepared For:

566 Grand Street SPE LLC
566 Grand Street
Brooklyn, NY 11211

Prepared By:

HydroTech Environmental Engineering and Geology, DPC
231 West 29th Street, Suite 1104
New York, NY 10001

January 23, 2026

HydroTech Job No. 230001

CERTIFICATION

I, Mark E. Robbins, certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 NYCRR Part 375 and that this Supplemental Site Characterization Report was prepared for the 566-568 Grand Street site (Site No. 224356) in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Mark E. Robbins, PG (PG# 000087)

_____

Name

_____

Signature

January 23, 2026

Date

LIST OF ACRONYMS

Acronym	**Definition**
AOC	Area of Concern
BTEX	Benzene, Toluene, Ethyl Benzene, Xylene (o-, p-&m-)
CAMP	Community Air Monitoring Plan
HASP	Construction Health and Safety Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
ELAP	Environmental Laboratory Approval Program
FID	Flame Ionization Detector
GPS	Global Positioning System
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
NYS DOT	New York State Department of Transportation
NYS DEC	New York State Department of Environmental Conservation
NYS DEP	New York State Department of Environmental Protection
ORC	Oxygen-Release Compound
OSHA	Occupational Safety and Health Administration
PAH	Poly Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyl
PE	Professional Engineer

PID	Photoionization Detector
QEP	Qualified Environmental Professional
FER	Final Engineering Report
RAWP	Remedial Action Work Plan or Plan
RCA	Recycled Concrete Aggregate
RI	Remedial Investigation
RMZ	Residual Management Zone
RCSCO	Restricted Commercial Soil Cleanup Objective
RRSCO	Restricted Residential Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SC	Site Characterization
SCR	Site Characterization Report
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	Semi-Volatile Organic Compound
USGS	United States Geological Survey
UUSCO	Unrestricted Use Soil Cleanup Objectives
VOC	Volatile Organic Compound

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1.0 EXECUTIVE SUMMARY

This Supplemental Site Characterization Report (SCR) has been prepared on behalf of 566 Grand Street SPE LLC (hereto referred to as the "Owner") to document the details and protocols for the off-site soil vapor intrusion assessment at following adjacent or surrounding properties of the property located at 566-568 Grand Street in Brooklyn, New York (the "Site"):

- 562 Grand Street, Brooklyn, NY 11211
- 559 Grand Street, Brooklyn, NY 11211
- 572 Grand Street, Brooklyn, NY 11211
- 556 Grand Street, Brooklyn, NY 11211
- 560 Grand Street, Brooklyn, NY 11211
- 461 Lorimer Street, Brooklyn, NY 11211
- 561 Grand Street, Brooklyn, NY 11211
- 563 Grand Street, Brooklyn, NY 11211

The Supplemental Site Characterization (SC) scope documented in this report was performed to address the requirements presented by the New York State Department of Environmental Conservation (NYSDEC) under an Order on Consent and Administrative Settlement, Index R2-20220310-52 (the "Consent Order") in accordance with the Updated Supplemental Remedial Investigation Work Plan approved by NYSDEC on November 8, 2023.

The objective of the scope of work was to identify any potential off-site impact from the historic operation of the site as dry cleaning shop and to provide recommendations to implement necessary interim remedial measures and associated site management. The investigation was conducted through installation and sampling off-site soil vapor probes as well as collection of ambient outdoor air samples. All portions of the fieldwork were conducted in accordance with a site-specific Health & Safety Plan.

All investigation work was performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) requirements and in compliance with the New York State Department of Health (NYSDOH) Guidance for evaluating Soil Vapor Intrusion in the State of NY (October 2006) and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (May 2010) and other acceptable industry standards.

The results of the Supplemental SC indicate that:

- Petroleum ranged VOCs including BTEX and their derivatives and CVOCs were detected offsite in soil vapor samples underneath the sidewalks along and across the street on Grand Street. The highest concentrations of PCE detected was max. 290 ug/m^3 in soil vapor underneath the sidewalk in front of 570 Grand Street, with lower detection across from 562 Grand Street, 559 Grand Street and 563 Grand Street ranging between 31 to 190 ug/m^3.

- Over 80% of the Site have been excavated down to 9 to 13 feet bgs and only one chlorinated VOC, methylene chloride, was widely detected at trace levels in most of the endpoint samples across the Site but only detected in residual soil from mid-eastern portion and mid-northern portion of the basement with levels (max. 0.075 mg/kg) slightly exceeding its respective UUSCO but below RRSCO.
- Engineering controls including vapor barrier system and composite cover system have been installed at the Site in accordance with the approved Interim Remedial Measures (IRM) dated April 29, 2022. Sub-slab depressurization system (SSDS) has been partially installed and should be completed and maintained in active operation upon the completion of building's construction in accordance with the approved design from the Interim Remedial Measures (IRM) dated April 29, 2022.
- System startup test will be performed after the system is turned on per the approved Interim Remedial Measures (IRM) dated April 29, 2022 to further confirm if on-site CVOCs (especially PCE, TCE and cis-1,2-TCE) levels are below the monitoring/mitigation level established by NYSDOH.
- Considering the on-site active SSDS was not yet operational as of the time of this Supplemental SC, off-site vapor impact assessment should be conducted again, after the startup of the active SSDS, for the sidewalks of 562 Grand Street, 570 Grand Street, 559 Grand Street and 563 Grand Street. The results will be used to further evaluate if residual vapor impact could be mitigated via the on-site system.

2.0 INTRODUCTION

Hydro Tech Environmental Engineering and Geology, DPC ("HydroTech") has been retained by 566 Grand Street SPE LLC (hereto referred to as the "Owner") to prepare this Supplemental SCR for the property located at 566-568 Grand Street in Brooklyn, New York (the "Site").

As summarized in the Site Characterization (SC) Report dated April 29, 2022, the eastern portion of the Site (formerly addressed as 568 Grand Street) operated as dry-cleaning shop between the 1960s and 2000s, as identified in Sanborn Maps and City Directory Records. Previous on-site investigation data in sub-slab vapor collected during August 2021 and in soil vapor collected in January 2022 from the eastern half of the Site identified chlorinated volatile organic compounds (CVOCs) including cis-1,2-dichloroethene (max. 260 ug/m^3), trichloroethene (TCE) (max. 170 ug/m^3) and tetrachloroethylene (PCE) (max. 9100 ug/m^3) present at concentrations exceeding their respective mitigation levels established by NYSDOH.

Therefore, a Supplemental Work Plan was prepared to assess if there's any off-site soil vapor impact at the neighboring/surrounding properties. Following three rounds of access requests to the owners of eight neighboring/surrounding properties between January and March 2023, it was determined that off-site investigation will be conducted on the sidewalk instead of inside each building considering no access was authorized by the owners of the target properties. The updated Supplemental Work Plan was prepared and approved on November 8, 2023. A 7-day notice was emailed to NYSDEC on November 8, 2023 and the required sampling scope was conducted on November 14 and 16, 2023.

This report provides the protocols and specifications for the off-site soil vapor intrusion assessment and also generates supplemental data to evaluate if any adjustment should be made to the remedial action disciplined in the Interim Remedial Measure Work Plan (IRM WP) approved by NYSDEC on May 10, 2022.

2.1 Subject Property Description

The Subject Property is located as 566-568 Grand Street, Brooklyn, NY in the Williamsburg Section of Brooklyn (Kings County). The Site is identified as Block 2785 and Lot 27 on the City Tax Map. The Subject Property is located on the south side of Grand Street, between Maujer Street to the South, Lorimer Street to the East and Union Ave to the West, in the northwestern part of the borough of Brooklyn, New York. The borough of Brooklyn is situated in the southeast portion of New York City. The Site used to contain two tax lots (Lot 27 and 28) and addressed as 566 and 568 Grand Street, respectively. Lot merging was completed on November 10, 2021 as per City Register File No. (CRFN): 2021000415725,2021000423537. The historic use of the western half (former 566 Grand Street) of the Site consisted of a store and a mixed residential and commercial building. The eastern half of the Site (former 568 Grand Street) was developed prior to 1954 with mixed-use multi-story building and one of the historic commercial tenants was a dry-cleaning shop (between 1960s and 2000s).

The Site is situated on an approximately 0.086-acre area bounded by Grand Street and two 4-story mixed residential and commercial buildings to the north, 3-story residential building to the south, 3-story mixed residential and commercial building to the east, and 3-story mixed residential and commercial building to the west.

The Site is being developed with an 8-story residential building (appr. 20,000 SF) with a partial cellar (appr. 2,048 SF) and a rear yard (appr. 1,283.5 SF). Major remediation required in IRM WP was performed between May 2022 and January 2023, which involved excavation and removal of soil/fill and implementation of engineering controls including installation of vapor barrier system, laying down sub-grade piping system for Sub-Slab Depressurization System and capping with concrete slab/cover. Currently, super structure construction is ongoing at the Site.

The site is zoned R7A/C2-4 (residential district). The new building will be for residential use only, which complies with the zoning code of the Site.

2.2 Site History

The following environmental assessment and investigation were performed at the Site:

- Phase I Environmental Site Assessment at former 566 Grand Street, Brooklyn by American Environmental Assessment & Solutions, Inc. (AEAS) dated October 27, 2015;
- Remedial Investigation Report at former 566 Grand Street, Brooklyn by AEAS dated April 14, 2017;
- Comprehensive Environmental Site Assessment at former 568 Grand Street, Brooklyn by HydroTech dated September 23, 2021 and Remedial Investigation Report at 566-568 Grand Street, Brooklyn by HydroTech (drafted December 22, 2021);
- Supplemental Remedial Investigation at 566-568 Grand Street, Brooklyn by HydroTech in January 2022 and Site Characterization Report at 566-568 Grand Street, Brooklyn by HydroTech dated April 29, 2022.

Site history of the west half (former 566 Grand Street) was established in the Phase I Environmental Site Assessment prepared by American Environmental Assessment & Solutions, Inc. (AEAS) in October 2015. The parcel was developed as a store from around 1887 through approximately 2007. Information obtained from City Directory indicated that this parcel was used for shoe repair around 1928 through 2005. At the time of the Phase I, the parcel was identified as a mixed-use with a shoe repair on first floor and residential space on part of the first floor and second floor. This 2-story building was demolished in 2016/2017.

Site history of the eastern half (former 568 Grand Street) was established in the Comprehensive Site Environmental Assessment prepared by HydroTech in September 2021. The parcel at 568 Grand Street was developed prior to 1954 with the existing 3-story building with a basement and used for residential and commercial purposes. The commercial purposes include dry cleaning, floral shop and restaurant. According to City Directory and Sanborn Maps, the historic operation as dry cleaning/cleaning facility

occurred between early 1960s and 2000s. Considering chlorinated solvents are typically used in the process of dry cleaning and stored for on-site consumption, the historic use of the site for such service may impose adverse impact upon the environmental quality. However, it cannot be confirmed through the Sanborn Maps or City Directory Records if the Site had provided on-site dry-cleaning service in the past due to lack of further proof.

The following summarizes the findings from investigations conducted prior to remediation and construction:

- Elevated levels of SVOCs and metals exceeding RRSCOs were mostly presented in the shallow layer of the Site between zero to 4 feet and also in the deep soil from the mid-western portion of the Site between 10 and 12 feet.
- PFOS was detected in the shallow soil from 2 to 4 feet in the southeastern corner at concentrations exceeding its respective Guidance Value for Unrestricted Use.
- Chlorinated impact in soil vapor/sub-slab vapor were found in the northeastern portion of the Site. Elevated concentrations of PCE (max. 9100 ug/m^3), TCE (max. 170 ug/m^3) and cis-1,2-dichloroethylene (max. 260 ug/m^3) were found in deep soil vapor (appr. 25 feet bgs) and sub-slab vapor (appr. 8 feet bgs) underneath this area are exceeding mitigation levels established by NYSDOH and is likely related to the historic operation of the eastern portion of the Site as a dry cleaner shop.
- Groundwater is presented between 23.88 and 25.19 feet below grade and flowing towards the northeast in the direction of Newtown Creek. No free product was observed in any location. Low levels of chlorinated impact was observed in the groundwater samples collected underneath the northwestern portion, which might have migrated from an off-site source.

Based upon the findings from the previous investigation and Site's development plan, the following remedial work plan was prepared and approved by NYSDEC on May 10, 2022 and implemented:

- Interim Remedial Measure Work Plan (IRM WP) at 566-568 Grand Street, Brooklyn by HydroTech dated April 29, 2022.

The development plan of the Site consists of an 8-story residential building (appr. 2,500 SF) with a partial cellar (appr. 2,048 SF) and a rear yard (appr. 1,283.5 SF). In accordance with the IRM WP, excavation was conducted to 8 to 13 feet bgs for the basement foundation (appr. 82% of the Site) and to 3 and 5 feet bgs in the rear yard for hotspot removal. The endpoint samples collected across the Site shows no exceedance (>RRSCOs) in the residual soil except SVOCs and lead in the sample (EP-B5) from rear yard. Only one chlorinated VOC, methylene chloride, was detected in most of the endpoint samples. However, only the concentrations in EP-B1 DUP and EP-B7 from the mid-eastern portion and mid-northern portion of the basement area slightly exceeded its respective UUSCO but below RRSCOs. There were also other compounds detected exceeding the UUSCOs in multiple samples but all below RRSCOs. Considering the vicinity of EP-B5 is located outside of the building and will be covered with composite cover and managed in accordance with Site Management Plan after remediation, no

further action is required for the detected residual contaminants as per NYSDEC's email dated October 6, 2022 following review of the endpoint sampling results.

Following the excavation and endpoint sampling, installation of concrete slab and vapor barrier was completed in April 2023. The sub-grade piping system for the sub-slab depressurization system (SSDS) was also completed and the above-ground riser pipes have been raised to roof. The remaining components of the system including fan, alarm, gauge and test ports shall be completed upon completion of the building. The system will be maintained in active operation once the building is occupied.

2.3 Environmental Setting

The Site is located in northwestern portion of Brooklyn, New York. The elevation of the Subject Property is 30 feet above mean sea level (USGS 7.5- Brooklyn, New York Quadrangle, 2013). Groundwater is presented between 23.88 and 25.19 feet below grade and flowing towards the northeast in the direction of Newtown Creek based upon previous investigation at the Site in January 2022.

3.0 SUPPLEMENTAL REMEDIAL INVESTIGATION

This section documents the details and protocols utilized in this Supplemental SC conducted on November 14 and 16, 2023. All portions of work was conducted either by Coastal Environmental Solutions, Inc. (Coastal) under the supervision of Geologist from HydroTech or directly by Geologist from HydroTech. All of the fieldwork was performed in accordance with 6NYCRR Part 375-3.8, along with NYSDEC DER-10 and applicable New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion. **Appendix A** contains photographs of the fieldwork.

3.1 Ground-Penetrating Radar Survey

Prior to drilling event on November 14, 2023, GPR survey was performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. GPR survey was performed on the sidewalk in front of each target property. No anomalies indicative of USTs or any related subsurface structures were identified during the GPR survey. The survey also cleared all sampling locations of subsurface obstructions.

A utility markout was also requested and conducted prior to the drilling event to ensure the sampling locations are at least 2 feet away from any service/utility line.

3.2 Soil Vapor and Ambient Outdoor Air Sampling

Eight (8) soil vapor probes, designated as OSV-1 through OSV-8 were installed to 10 feet bgs on the sidewalk in front of each target property. The soil vapor probes were installed with Geoprobe utilizing direct-push technology.

The vapor implants were constructed in accordance with the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). Each vapor implant consists of a stainless-steel screen and implant fitted with inert tubing (e.g., polyethylene) of ¼-inch diameter and of laboratory quality to the surface. Each vapor implant was then sealed above the sampling zone with bentonite slurry to prevent outdoor air infiltration. The vapor implants were finished at grade with a concrete seal. **Figure 1** shows the locations of off-site soil vapor probes.

In order to ensure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas (Helium) was applied to enrich the atmosphere in the immediate vicinity of the sampling location. A portable monitoring device MGD-2002 Helium-Hydrogen Lead Detector; Model 83-219, was utilized to analyze a real time sample of soil vapor from the soil vapor sampling tubing for the tracer prior to purging and after sampling. Plastic cup was also used to keep the tracer gas in contact with the soil vapor tubing during the sampling. No Helium (<0.01 ug/m^3) was detected with the Helium-Hydrogen Lead Detector prior or after sampling. Following the tracer gas test, one to three volumes of the sample tubing were purged prior to collecting samples.

Eight (8) outdoor air sample (designated OAO-1 through OAO-8) were collected from the direct vicinity of each soil vapor probe simultaneously. Prior **Figure 1** provides the location of ambient outdoor air samples.

All the vapor and ambient outdoor air samples were collected utilizing 6-liter Summa Canisters fitted with a 8-hour laboratory flow regulator with a flow rate not exceeding 0.05 liters per minute. The sampling duration of ambient air was consistent with the exposure time during the daily hours of operation, which is anticipated from 8 AM to 6 PM. Immediately after opening the Summa Canister, the initial vacuum (inches of mercury) and start time were recorded. After the sampling is completed, the final vacuum and stop time was also recorded. The average outdoor air temperature at the time of sampling was approximately 45 degrees Fahrenheit.

A copy of the vapor/air sampling log is included in **Appendix B**.

3.3 Laboratory Analyticals

All soil samples were transmitted under proper chain of custody procedures to a State-certified laboratory. Chemical analytical work presented in the past has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Mark E. Robbins, PG. from HydroTech.
Chemical Analytical Laboratory	Chemical analysis is performed by a NYS ELAP certified laboratory: York Analytical Laboratories, Inc.
Chemical Analytical Methods	VOCs by EPA TO-15

The following QA/QC samples were collected and analyzed:

- One field duplicate soil sample was collected from the direct vicinity of OAO-1 and analyzed for VOCs.

All the vapor and ambient air samples were properly labelled and logged by HydroTech's geologist. Samples were then picked up by a laboratory representative and transported to State-certified (ELAP) laboratory for analysis under a proper Chain of Custody. The holding time for the selected analysis was met. A copy of the laboratory report is provided as **Appendix C**.

3.4 Health and Safety Plan (HASP)

This Supplemental SC was performed in accordance with the HASP developed in the Supplemental Remedial Investigation Work Plan. Health and safety procedures were carried out at all times during field activities. All personnel wore appropriate levels of personal protective equipment. One community air monitoring station including one dust trak and one PID were set up during the vapor probe installation. No significant

levels of dust or organic vapors were observed via visual inspection or recorded by either monitoring instrument. In addition, all the intrusive work were conducted in the open area. Therefore, no dust or odor suppression was required during the intrusive work.

A copy of the monitoring data was submitted to NYSDEC directly in the daily report dated November 14, 2023, which is not included in this report.

4.0 ANALYTICAL RESULTS

4.1 Soil Vapor and Ambient Outdoor Air Results

Table 1 provides VOCs results for soil vapor samples and ambient outdoor air samples. All the concentrations reported in **Table 1** are in microgram per cubic meter (ug/m^3).

Both petroleum-range VOCs and chlorinated-range VOCs were detected in the soil vapor samples. The total concentrations of VOCs range from 52.6 ug/m^3 in OSV-8 to 722.6 ug/m^3 in OSV-4.

Various chlorinated-range VOCs were detected in most of the samples at trace to elevated levels. Among the detected compounds, the concentrations of CVOCs including carbon tetrachloride (max. 0.46 ug/m^3), trichloroethene (TCE) (max. 4.6 ug/m^3), methylene chloride (max. 4.6 ug/m^3) were detected in most of the soil vapor samples at trace levels. Tetrachloroethene (PCE) was detected in OSV-1 through OSV-7 at concentrations ranging between 31 ug/m^3 to 290 ug/m^3.

The petroleum-range VOCs include BTEX compounds (benzene, toluene, ethylbenzene, m-&p-xylenes and o-xylenes) and their derivatives. The total BTEX concentrations range from 14.3 ug/m^3 in OSV-8 to 163 ug/m^3 in OSV-4. CVOCs including carbon tetrachloride (max. 0.46 ug/m^3), chloroform (7 ug/m^3), chloromethane (max. 1.2 ug/m^3), dichlorodifluoromethane (max. 2.6 ug/m^3), PCE (max. 41 ug/m^3), trichlorofluoromethane (freon 11) (max. 1.5 ug/m^3) were detected individually or collectively in the ambient outdoor air samples.

The above-mentioned compounds were also detected in the ambient outdoor air samples at trace to low levels. The total BTEX concentrations ranged from 11 ug/m^3 in OAO-8 to 44.6 ug/m^3 in OAO-5.

Figure 2 provides the map of VOCs in off-site soil vapor and outdoor air.

4.2 Quality Assurance/Quality Control

A Data Usability Summary Report (DUSR) for the analytical results from November 2023 sampling will be prepared by an independent data viewer, Mr. Hanibal Tayeh, to evaluate the validation of the data. Currently, the data package is being prepared by York Analytical Laboratories, which will be sent to the data viewer once available. A copy of the DUSR will be included as **Appendix D**. The evaluated data from November 2023 is also submitted to NYSDEC in Electronic Data Deliverable (EDD) format.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the information and data presented in the sections above, the following conclusions and recommendations are provided:

- Petroleum ranged VOCs including BTEX and their derivatives and CVOCs were detected offsite in soil vapor samples underneath the sidewalks along and across the street on Grand Street. The highest concentrations of PCE detected was max. 290 ug/m^3 in soil vapor underneath the sidewalk in front of 570 Grand Street, with lower detection across from 562 Grand Street, 559 Grand Street and 563 Grand Street ranging between 31 to 190 ug/m^3.
- Over 80% of the Site have been excavated down to 9 to 13 feet bgs and only one chlorinated VOC, methylene chloride, was widely detected at trace levels in most of the endpoint samples across the Site but only detected in residual soil from mid-eastern portion and mid-northern portion of the basement with levels (max. 0.075 mg/kg) slightly exceeding its respective UUSCO but below RRSCO.
- Engineering controls including vapor barrier system and composite cover system have been installed at the Site in accordance with the approved Interim Remedial Measures (IRM) dated April 29, 2022. Sub-slab depressurization system (SSDS) has been partially installed and should be completed and maintained in active operation upon the completion of building's construction in accordance with the approved design from the Interim Remedial Measures (IRM) dated April 29, 2022.
- System startup test will be performed after the system is turned on per the approved Interim Remedial Measures (IRM) dated April 29, 2022 to further confirm if on-site CVOCs (especially PCE, TCE and cis-1,2-TCE) levels are below the monitoring/mitigation level established by NYSDOH.
- Considering the on-site active SSDS was not yet operational as of the time of this supplemental Site Characterization, off-site vapor impact assessment should be conducted again, after the startup of the active SSDS, for the sidewalks of 562 Grand Street, 570 Grand Street, 559 Grand Street and 563 Grand Street. The results will be used to further evaluate if residual vapor impact could be mitigated via the on-site system.

Figures

DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

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BASE DRAWING TAKEN FROM

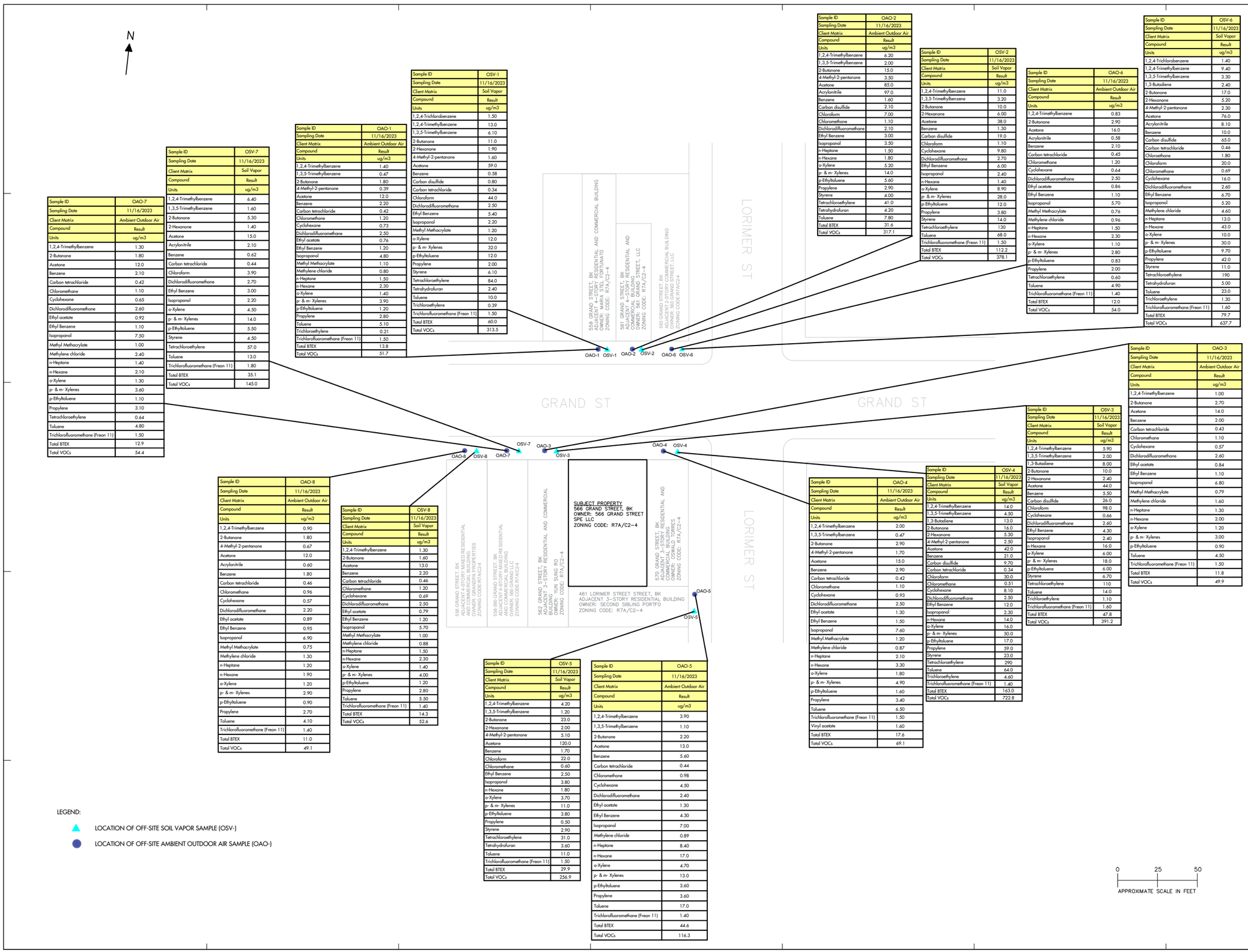
PROJECT NAME AND ADDRESS

566 & 568 GRAND STREET,
BROOKLYN, NY.
(NYSDEC SITE #224356)

PROJECT FIGURE

FIGURE 1: OFF-SITE SAMPLING PLAN

PROJECT NO.	DATE
230001	12/04/2023
DRAWN BY: A.S.	REVIEWED BY: R.X.
SCALE (11X17): NOT TO SCALE	APPROVED BY: T.K.



Sample ID	OAO-7
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	1.30
2-Butanone	1.80
Acetone	12.0
Benzene	2.10
Carbon tetrachloride	0.42
Chloromethane	1.10
Cyclohexane	0.65
Dichlorodifluoromethane	2.60
Ethyl acetate	0.92
Ethyl Benzene	1.10
Isopropanol	7.50
Methyl Methacrylate	1.00
Methylene chloride	2.40
n-Heptane	1.40
n-Hexane	2.10
o-Xylene	1.30
p- & m- Xylenes	3.60
p-Ethyltoluene	1.10
Propylene	3.10
Tetrachloroethylene	0.64
Toluene	4.80
Trichlorofluoromethane (Freon 11)	1.50
Total BTEX	12.9
Total VOCs	54.4

Sample ID	OSV-7
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	6.40
1,3,5-Trimethylbenzene	1.60
2-Butanone	5.30
2-Hexanone	1.40
Acetone	15.0
Acrylonitrile	2.10
Benzene	0.62
Carbon tetrachloride	0.44
Chloroform	3.90
Dichlorodifluoromethane	2.70
Ethyl Benzene	3.00
Isopropanol	2.20
o-Xylene	4.50
p- & m- Xylenes	14.0
p-Ethyltoluene	5.50
Styrene	4.50
Tetrachloroethylene	57.0
Toluene	13.0
Trichlorofluoromethane (Freon 11)	1.80
Total BTEX	35.1
Total VOCs	145.0

Sample ID	OAO-1
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	1.40
1,3,5-Trimethylbenzene	0.47
2-Butanone	1.80
4-Methyl-2-pentanone	0.39
Acetone	12.0
Benzene	2.20
Carbon tetrachloride	0.42
Chloromethane	1.20
Cyclohexane	0.73
Dichlorodifluoromethane	2.50
Ethyl acetate	0.76
Ethyl Benzene	1.20
Isopropanol	4.80
Methyl Methacrylate	1.10
Methylene chloride	0.80
n-Heptane	1.50
n-Hexane	2.30
o-Xylene	1.40
p- & m- Xylenes	3.90
p-Ethyltoluene	1.20
Propylene	2.80
Toluene	5.10
Trichloroethylene	0.21
Trichlorofluoromethane (Freon 11)	1.50
Total BTEX	13.8
Total VOCs	51.7

Sample ID	OSV-1
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trichlorobenzene	1.50
1,2,4-Trimethylbenzene	13.0
1,3,5-Trimethylbenzene	6.10
2-Butanone	11.0
2-Hexanone	1.90
4-Methyl-2-pentanone	1.60
Acetone	59.0
Benzene	0.58
Carbon disulfide	0.80
Carbon tetrachloride	0.34
Chloroform	44.0
Dichlorodifluoromethane	2.50
Ethyl Benzene	5.40
Isopropanol	2.20
Methyl Methacrylate	1.20
o-Xylene	12.0
p- & m- Xylenes	32.0
p-Ethyltoluene	12.0
Propylene	2.00
Styrene	6.10
Tetrachloroethylene	84.0
Tetrahydrofuran	2.40
Toluene	10.0
Trichloroethylene	0.39
Trichlorofluoromethane (Freon 11)	1.50
Total BTEX	60.0
Total VOCs	313.5

Sample ID	OAO-2
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	6.20
1,3,5-Trimethylbenzene	2.00
2-Butanone	15.0
4-Methyl-2-pentanone	3.50
Acetone	85.0
Acrylonitrile	97.0
Benzene	1.60
Carbon disulfide	2.10
Chloroform	7.00
Chloromethane	1.10
Dichlorodifluoromethane	2.10
Ethyl Benzene	3.00
Isopropanol	3.50
n-Heptane	1.50
n-Hexane	1.80
o-Xylene	5.20
p- & m- Xylenes	14.0
p-Ethyltoluene	5.60
Propylene	2.90
Styrene	4.00
Tetrachloroethylene	41.0
Tetrahydrofuran	4.20
Toluene	7.80
Total BTEX	31.6
Total VOCs	317.1

Sample ID	OSV-2
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	11.0
1,3,5-Trimethylbenzene	3.20
2-Butanone	10.0
2-Hexanone	6.00
Acetone	38.0
Benzene	1.30
Carbon disulfide	19.0
Chloroform	1.10
Cyclohexane	9.80
Dichlorodifluoromethane	2.70
Ethyl Benzene	6.00
Isopropanol	2.40
n-Hexane	1.40
o-Xylene	8.90
p- & m- Xylenes	28.0
p-Ethyltoluene	12.0
Propylene	3.80
Styrene	14.0
Tetrachloroethylene	130
Toluene	68.0
Trichlorofluoromethane (Freon 11)	1.50
Total BTEX	112.2
Total VOCs	378.1

Sample ID	OAO-6
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	0.83
2-Butanone	2.90
Acetone	16.0
Acrylonitrile	0.58
Benzene	2.10
Carbon tetrachloride	0.45
Chloromethane	1.20
Cyclohexane	0.64
Dichlorodifluoromethane	2.50
Ethyl acetate	0.86
Ethyl Benzene	1.10
Isopropanol	5.70
Methyl Methacrylate	0.76
Methylene chloride	0.96
n-Heptane	1.50
n-Hexane	2.30
o-Xylene	1.10
p- & m- Xylenes	2.80
p-Ethyltoluene	0.83
Propylene	2.00
Tetrachloroethylene	0.60
Toluene	4.90
Trichlorofluoromethane (Freon 11)	1.40
Total BTEX	12.0
Total VOCs	54.0

Sample ID	OSV-6
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trichlorobenzene	1.40
1,2,4-Trimethylbenzene	9.40
1,3,5-Trimethylbenzene	3.30
1,3-Butadiene	2.40
2-Butanone	17.0
2-Hexanone	5.20
4-Methyl-2-pentanone	2.30
Acetone	76.0
Acrylonitrile	8.10
Benzene	10.0
Carbon disulfide	65.0
Carbon tetrachloride	0.46
Chloroethane	1.80
Chloroform	20.0
Chloromethane	0.69
Cyclohexane	16.0
Dichlorodifluoromethane	2.60
Ethyl Benzene	6.70
Isopropanol	5.20
Methylene chloride	4.60
n-Heptane	13.0
n-Hexane	43.0
o-Xylene	10.0
p- & m- Xylenes	30.0
p-Ethyltoluene	9.70
Propylene	42.0
Styrene	11.0
Tetrachloroethylene	190
Tetrahydrofuran	5.00
Toluene	23.0
Trichloroethylene	1.30
Trichlorofluoromethane (Freon 11)	1.60
Total BTEX	79.7
Total VOCs	637.7

Sample ID	OAO-8
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	0.90
2-Butanone	1.80
4-Methyl-2-pentanone	0.67
Acetone	12.0
Acrylonitrile	0.60
Benzene	1.80
Carbon tetrachloride	0.46
Chloromethane	0.96
Cyclohexane	0.57
Dichlorodifluoromethane	2.20
Ethyl acetate	0.89
Ethyl Benzene	0.95
Isopropanol	6.90
Methyl Methacrylate	0.75
Methylene chloride	1.30
n-Heptane	1.20
n-Hexane	1.90
o-Xylene	1.20
p- & m- Xylenes	2.90
p-Ethyltoluene	0.90
Propylene	2.70
Toluene	4.10
Trichlorofluoromethane (Freon 11)	1.40
Total BTEX	11.0
Total VOCs	49.1

Sample ID	OSV-8
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	1.30
2-Butanone	1.60
Acetone	13.0
Benzene	2.20
Carbon tetrachloride	0.46
Chloromethane	1.20
Cyclohexane	0.69
Dichlorodifluoromethane	2.50
Ethyl acetate	0.79
Ethyl Benzene	1.20
Isopropanol	5.70
Methyl Methacrylate	1.00
Methylene chloride	0.88
n-Heptane	1.50
n-Hexane	2.30
o-Xylene	1.40
p- & m- Xylenes	4.00
p-Ethyltoluene	1.20
Propylene	2.80
Toluene	5.50
Trichlorofluoromethane (Freon 11)	1.40
Total BTEX	14.3
Total VOCs	52.6

Sample ID	OSV-5
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	4.20
1,3,5-Trimethylbenzene	1.20
2-Butanone	23.0
2-Hexanone	2.00
4-Methyl-2-pentanone	5.10
Acetone	120.0
Benzene	1.70
Chloroform	22.0
Chloromethane	0.60
Ethyl Benzene	2.50
Isopropanol	3.80
n-Hexane	1.80
o-Xylene	3.70
p- & m- Xylenes	11.0
p-Ethyltoluene	3.80
Propylene	0.50
Styrene	2.90
Tetrachloroethylene	31.0
Tetrahydrofuran	3.60
Toluene	11.0
Trichlorofluoromethane (Freon 11)	1.50
Total BTEX	29.9
Total VOCs	256.9

Sample ID	OAO-5
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	3.90
1,3,5-Trimethylbenzene	1.10
2-Butanone	2.20
Acetone	13.0
Benzene	5.60
Carbon tetrachloride	0.44
Chloromethane	0.98
Cyclohexane	4.50
Dichlorodifluoromethane	2.40
Ethyl acetate	1.30
Ethyl Benzene	4.30
Isopropanol	7.00
Methylene chloride	0.89
n-Heptane	8.40
n-Hexane	17.0
o-Xylene	4.70
p- & m- Xylenes	13.0
p-Ethyltoluene	3.60
Propylene	3.60
Toluene	17.0
Trichlorofluoromethane (Freon 11)	1.40
Total BTEX	44.6
Total VOCs	116.3

Sample ID	OAO-4
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	2.00
1,3,5-Trimethylbenzene	0.47
2-Butanone	2.90
4-Methyl-2-pentanone	1.70
Acetone	15.0
Benzene	2.90
Carbon tetrachloride	0.42
Chloromethane	1.10
Cyclohexane	0.93
Dichlorodifluoromethane	2.50
Ethyl acetate	1.30
Ethyl Benzene	1.50
Isopropanol	7.60
Methyl Methacrylate	1.20
Methylene chloride	0.87
n-Heptane	2.10
n-Hexane	3.30
o-Xylene	1.80
p- & m- Xylenes	4.90
p-Ethyltoluene	1.60
Propylene	3.40
Toluene	6.50
Trichlorofluoromethane (Freon 11)	1.50
Vinyl acetate	1.60
Total BTEX	17.6
Total VOCs	69.1

Sample ID	OSV-4
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	14.0
1,3,5-Trimethylbenzene	4.50
1,3-Butadiene	13.0
2-Butanone	16.0
2-Hexanone	5.30
4-Methyl-2-pentanone	2.50
Acetone	42.0
Benzene	21.0
Carbon disulfide	9.70
Carbon tetrachloride	0.34
Chloroform	30.0
Chloromethane	0.51
Cyclohexane	8.10
Dichlorodifluoromethane	2.50
Ethyl Benzene	12.0
Isopropanol	2.30
n-Hexane	14.0
o-Xylene	16.0
p- & m- Xylenes	50.0
p-Ethyltoluene	17.0
Propylene	59.0
Styrene	23.0
Tetrachloroethylene	290
Toluene	64.0
Trichloroethylene	4.60
Trichlorofluoromethane (Freon 11)	1.40
Total BTEX	163.0
Total VOCs	722.8

Sample ID	OSV-3
Sampling Date	11/16/2023
Client Matrix	Soil Vapor
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	5.90
1,3,5-Trimethylbenzene	2.00
1,3-Butadiene	8.00
2-Butanone	10.0
2-Hexanone	2.40
Acetone	44.0
Benzene	5.50
Carbon disulfide	26.0
Chloroform	98.0
Cyclohexane	0.66
Dichlorodifluoromethane	2.60
Ethyl Benzene	4.30
Isopropanol	2.40
n-Hexane	16.0
o-Xylene	6.00
p- & m- Xylenes	18.0
p-Ethyltoluene	6.00
Styrene	6.70
Tetrachloroethylene	110
Toluene	14.0
Trichloroethylene	1.10
Trichlorofluoromethane (Freon 11)	1.60
Total BTEX	47.8
Total VOCs	391.2

Sample ID	OAO-3
Sampling Date	11/16/2023
Client Matrix	Ambient Outdoor Air
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	1.00
2-Butanone	2.70
Acetone	14.0
Benzene	2.00
Carbon tetrachloride	0.43
Chloromethane	1.10
Cyclohexane	0.57
Dichlorodifluoromethane	2.60
Ethyl acetate	0.84
Ethyl Benzene	1.10
Isopropanol	6.80
Methyl Methacrylate	0.79
Methylene chloride	1.60
n-Heptane	1.30
n-Hexane	2.00
o-Xylene	1.20
p- & m- Xylenes	3.00
p-Ethyltoluene	0.90
Toluene	4.50
Trichlorofluoromethane (Freon 11)	1.50
Total BTEX	11.8
Total VOCs	49.9

LEGEND:

- LOCATION OF OFF-SITE SOIL VAPOR SAMPLE (OSV-)
- LOCATION OF OFF-SITE AMBIENT OUTDOOR AIR SAMPLE (OAO-)

0 25 50

APPROXIMATE SCALE IN FEET

DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK NY 10001

TEL: (631) 462-5866

BASE DRAWING TAKEN FROM

PROJECT NAME AND ADDRESS

566 & 568 GRAND STREET, BROOKLYN, NY.
(NYSDEC SITE #224356)

PROJECT FIGURE

FIGURE 2: VOC DETECTION IN OFF-SITE SOIL VAPOR AND OUTDOOR AIR

PROJECT NO.	DATE
230001	01/23/2026
DRAWN BY A.S.	REVIEWED BY R.X.
SCALE (11X17) NOT TO SCALE	APPROVED BY T.K.

Tables

Table 1

Off-Site Vapor and Air Analytical Results for VOCs

566-568 Grand Street, Brooklyn (NYSDEC Site ID 224356)

Sample ID	OSV-1		OAO-1		OAO-1 DUP		OSV-2		OAO-2		OSV-3		OAO-3		OSV-4		OAO-4		OSV-5		OAO-5		OSV-6		OAO-6		OSV-7		OAO-7		OSV-8		OAO-8	
Sampling Date	11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
Client Matrix	Soil Vapor		Ambient Outdoor Air		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air		Soil Vapor		Ambient Outdoor Air	
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result	
Units	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q
1,1,1,2-Tetrachloroethane	1.30	U	0.66	U	0.66	U	1.30	U	2.00	U	1.30	U	0.66	U	1.20	U	0.66	U	1.50	U	0.68	U	1.30	U	0.61	U	1.20	U	0.65	U	0.72	U	0.63	U
1,1,1-Trichloroethane	1.00	U	0.52	U	0.52	U	1.10	U	1.60	U	1.00	U	0.53	U	0.97	U	0.52	U	1.20	U	0.54	U	1.00	U	0.48	U	0.96	U	0.52	U	0.57	U	0.50	U
1,1,2,2-Tetrachloroethane	1.30	U	0.66	U	0.66	U	1.30	U	2.00	U	1.30	U	0.66	U	1.20	U	0.66	U	1.50	U	0.68	U	1.30	U	0.61	U	1.20	U	0.65	U	0.72	U	0.63	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.40	U	0.73	U	0.73	U	1.50	U	2.20	U	1.50	U	0.74	U	1.40	U	0.74	U	1.70	U	0.76	U	1.40	U	0.68	U	1.30	U	0.72	U	0.80	U	0.70	U
1,1,2-Trichloroethane	1.00	U	0.52	U	0.52	U	1.10	U	1.60	U	1.00	U	0.53	U	0.97	U	0.52	U	1.20	U	0.54	U	1.00	U	0.48	U	0.96	U	0.52	U	0.57	U	0.50	U
1,1-Dichloroethane	0.74	U	0.39	U	0.39	U	0.79	U	1.20	U	0.77	U	0.39	U	0.72	U	0.39	U	0.90	U	0.40	U	0.75	U	0.36	U	0.71	U	0.38	U	0.42	U	0.37	U
1,1-Dichloroethylene	0.18	U	0.10	U	0.10	U	0.19	U	0.28	U	0.19	U	0.10	U	0.18	U	0.10	U	0.22	U	0.10	U	0.18	U	0.09	U	0.17	U	0.09	U	0.10	U	0.09	U
1,2,4-Trichlorobenzene	**1.50**	D	0.71	U	0.71	U	1.40	U	2.10	U	1.40	U	0.72	U	1.30	U	0.71	U	1.70	U	0.73	U	**1.40**	D	0.66	U	1.30	U	0.70	U	0.78	U	0.68	U
1,2,4-Trimethylbenzene	**13.0**	D	**1.40**	D	**1.00**	D	**11.0**	D	**6.20**	D	**5.90**	D	**1.00**	D	**14.0**	D	**2.00**	D	**4.20**	D	**3.90**	D	**9.40**	D	**0.83**	D	**6.40**	D	**1.30**	D	**1.30**	D	**0.90**	D
1,2-Dibromoethane	1.40	U	0.74	U	0.74	U	1.50	U	2.20	U	1.50	U	0.74	U	1.40	U	0.74	U	1.70	U	0.76	U	1.40	U	0.68	U	1.30	U	0.73	U	0.81	U	0.70	U
1,2-Dichlorobenzene	1.10	U	0.58	U	0.58	U	1.20	U	1.70	U	1.20	U	0.58	U	1.10	U	0.58	U	1.30	U	0.60	U	1.10	U	0.53	U	1.10	U	0.57	U	0.63	U	0.55	U
1,2-Dichloroethane	0.74	U	0.39	U	0.39	U	0.79	U	1.20	U	0.77	U	0.39	U	0.72	U	0.39	U	0.90	U	0.40	U	0.75	U	0.36	U	0.71	U	0.38	U	0.42	U	0.37	U
1,2-Dichloropropane	0.84	U	0.44	U	0.44	U	0.90	U	1.30	U	0.88	U	0.45	U	0.82	U	0.44	U	1.00	U	0.46	U	0.85	U	0.41	U	0.81	U	0.44	U	0.49	U	0.42	U
1,2-Dichlorotetrafluoroethane	1.30	U	0.67	U	0.67	U	1.40	U	2.00	U	1.30	U	0.68	U	1.20	U	0.67	U	1.60	U	0.69	U	1.30	U	0.62	U	1.20	U	0.66	U	0.73	U	0.64	U
1,3,5-Trimethylbenzene	**6.10**	D	**0.47**	D	0.47	U	**3.20**	D	**2.00**	D	**2.00**	D	0.48	U	**4.50**	D	**0.47**	D	**1.20**	D	**1.10**	D	**3.30**	D	0.44	U	**1.60**	D	0.47	U	0.52	U	0.45	U
1,3-Butadiene	1.20	U	0.64	U	0.64	U	1.30	U	1.90	U	**8.00**	D	0.64	U	**13.0**	D	0.64	U	1.50	U	0.66	U	**2.40**	D	0.59	U	1.20	U	0.63	U	0.70	U	0.61	U
1,3-Dichlorobenzene	1.10	U	0.58	U	0.58	U	1.20	U	1.70	U	1.20	U	0.58	U	1.10	U	0.58	U	1.30	U	0.60	U	1.10	U	0.53	U	1.10	U	0.57	U	0.63	U	0.55	U
1,3-Dichloropropane	0.84	U	0.44	U	0.44	U	0.90	U	1.30	U	0.88	U	0.45	U	0.82	U	0.44	U	1.00	U	0.46	U	0.85	U	0.41	U	0.81	U	0.44	U	0.49	U	0.42	U
1,4-Dichlorobenzene	1.10	U	0.58	U	0.58	U	1.20	U	1.70	U	1.20	U	0.58	U	1.10	U	0.58	U	1.30	U	0.60	U	1.10	U	0.53	U	1.10	U	0.57	U	0.63	U	0.55	U
1,4-Dioxane	1.30	U	0.69	U	0.69	U	1.40	U	2.10	U	1.40	U	0.70	U	1.30	U	0.69	U	1.60	U	0.71	U	1.30	U	0.64	U	1.30	U	0.68	U	0.76	U	0.66	U
2-Butanone	**11.00**	D	**1.80**	D	**1.70**	D	**10.0**	D	**15.0**	D	**10.0**	D	**2.70**	D	**16.0**	D	**2.90**	D	**23.0**	D	**2.20**	D	**17.0**	D	**2.90**	D	**5.30**	D	**1.80**	D	**1.60**	D	**1.80**	D
2-Hexanone	**1.90**	D	0.78	U	0.79	U	**6.00**	D	2.30	U	**2.40**	D	0.79	U	**5.30**	D	0.79	U	**2.00**	D	0.81	U	**5.20**	D	0.73	U	**1.40**	D	0.78	U	0.86	U	0.75	U
3-Chloropropene	2.90	U	1.50	U	1.50	U	3.00	U	4.50	U	3.00	U	1.50	U	2.80	U	1.50	U	3.50	U	1.50	U	2.90	U	1.40	U	2.70	U	1.50	U	1.60	U	1.40	U
4-Methyl-2-pentanone	**1.60**	D	**0.39**	D	**0.63**	D	0.80	U	**3.50**	D	0.78	U	0.40	U	**2.50**	D	**1.70**	D	**5.10**	D	0.41	U	**2.30**	D	0.36	U	0.72	U	0.39	U	0.43	U	**0.67**	D
Acetone	**59.0**	D	**12.0**	D	**12.0**	D	**38.0**	D	**85.0**	D	**44.0**	D	**14.0**	D	**42.0**	D	**15.0**	D	**120.0**	D	**13.0**	D	**76.0**	D	**16.0**	D	**15.0**	D	**12.0**	D	**13.0**	D	**12.0**	D
Acrylonitrile	1.20	U	0.62	U	**0.62**	J	1.30	U	**97.0**	BD	1.20	U	0.63	U	1.20	U	0.63	U	1.50	U	0.64	U	**8.10**	D	**0.58**	J	**2.10**	D	0.62	U	0.68	U	**0.60**	J
Benzene	**0.58**	D	**2.20**	D	**2.10**	D	**1.30**	D	**1.60**	D	**5.50**	D	**2.00**	D	**21.0**	D	**2.90**	D	**1.70**	D	**5.60**	D	**10.0**	D	**2.10**	D	**0.62**	D	**2.10**	D	**2.20**	D	**1.80**	D
Benzyl chloride	0.95	U	0.50	U	0.50	U	1.00	U	1.50	U	0.99	U	0.50	U	0.92	U	0.50	U	1.20	U	0.51	U	0.96	U	0.46	U	0.91	U	0.49	U	0.54	U	0.47	U
Bromodichloromethane	1.20	U	0.64	U	0.64	U	1.30	U	1.90	U	1.30	U	0.65	U	1.20	U	0.64	U	1.50	U	0.66	U	1.20	U	0.59	U	1.20	U	0.63	U	0.70	U	0.61	U
Bromoform	1.90	U	0.99	U	0.99	U	2.00	U	3.00	U	2.00	U	1.00	U	1.80	U	0.99	U	2.30	U	1.00	U	1.90	U	0.92	U	1.80	U	0.98	U	1.10	U	0.94	U
Bromomethane	0.71	U	0.37	U	0.37	U	0.76	U	1.10	U	0.74	U	0.38	U	0.69	U	0.37	U	0.87	U	0.38	U	0.72	U	0.34	U	0.68	U	0.37	U	0.41	U	0.35	U
Carbon disulfide	**0.80**	D	0.30	U	0.30	U	**19.0**	D	**2.10**	D	**26.0**	D	0.30	U	**9.70**	D	0.30	U	0.70	U	0.31	U	**65.0**	D	0.28	U	0.55	U	0.29	U	0.33	U	0.28	U
Carbon tetrachloride	**0.34**	D	**0.42**	D	**0.42**	D	0.31	U	0.45	U	0.30	U	**0.43**	D	**0.34**	D	**0.42**	D	0.35	U	**0.44**	D	**0.46**	D	**0.45**	D	**0.44**	D	**0.42**	D	**0.46**	D	**0.46**	D
Chlorobenzene	0.84	U	0.44	U	0.44	U	0.90	U	1.30	U	0.88	U	0.45	U	0.82	U	0.44	U	1.00	U	0.46	U	0.85	U	0.41	U	0.81	U	0.44	U	0.48	U	0.42	U
Chloroethane	0.48	U	0.25	U	0.25	U	0.51	U	0.76	U	0.50	U	0.26	U	0.47	U	0.25	U	0.59	U	0.26	U	**1.80**	D	0.23	U	0.46	U	0.25	U	0.28	U	0.24	U
Chloroform	**44.0**	D	0.47	U	0.47	U	**1.10**	D	**7.00**	D	**98.0**	D	0.47	U	**30.0**	D	0.47	U	**22.0**	D	0.48	U	**20.0**	D	0.43	U	**3.90**	D	0.46	U	0.51	U	0.45	U
Chloromethane	0.38	U	**1.20**	D	**1.10**	D	0.40	U	**1.10**	D	0.40	U	**1.10**	D	**0.51**	D	**1.10**	D	**0.60**	D	**0.98**	D	**0.69**	D	**1.20**	D	0.36	U	**1.10**	D	**1.20**	D	**0.96**	D
cis-1,2-Dichloroethylene	0.18	U	0.10	U	0.10	U	0.19	U	0.28	U	0.19	U	0.10	U	0.18	U	0.10	U	0.22	U	0.10	U	0.18	U	0.09	U	0.17	U	0.09	U	0.10	U	0.09	U
cis-1,3-Dichloropropylene	0.83	U	0.43	U	0.44	U	0.88	U	1.30	U	0.87	U	0.44	U	0.81	U	0.44	U	1.00	U	0.45	U	0.84	U	0.40	U	0.80	U	0.43	U	0.48	U	0.41	U
Cyclohexane	0.63	U	**0.73**	D	**0.63**	D	**9.80**	D	0.99	U	**0.66**	D	**0.57**	D	**8.10**	D	**0.93**	D	0.77	U	**4.50**	D	**16.0**	D	**0.64**	D	0.60	U	**0.65**	D	**0.69**	D	**0.57**	D
Dibromochloromethane	1.60	U	0.82	U	0.82	U	1.70	U	2.40	U	1.60	U	0.82	U	1.50	U	0.82	U	1.90	U	0.84	U	1.60	U	0.76	U	1.50	U	0.81	U	0.89	U	0.78	U
Dichlorodifluoromethane	**2.50**	D	**2.50**	D	**2.30**	D	**2.70**	D	**2.10**	D	**2.60**	D	**2.60**	D	**2.50**	D	**2.50**	D	1.10	U	**2.40**	D	**2.60**	D	**2.50**	D	**2.70**	D	**2.60**	D	**2.50**	D	**2.20**	D
Ethyl acetate	1.30	U	**0.76**	D	**0.73**	D	1.40	U	2.10	U	1.40	U	**0.84**	D	1.30	U	**1.30**	D	1.60	U	**1.30**	D	1.30	U	**0.86**	D	1.30	U	**0.92**	D	**0.79**	D	**0.89**	D
Ethyl Benzene	**5.40**	D	**1.20**	D	**1.10**	D	**6.00**	D	**3.00**	D	**4.30**	D	**1.10**	D	**12.0**	D	**1.50**	D	**2.50**	D	**4.30**	D	**6.70**	D	**1.10**	D	**3.00**	D	**1.10**	D	**1.20**	D	**0.95**	D
Hexachlorobutadiene	1.90	U	1.00	U	1.00	U	2.10	U	3.10	U	2.00	U	1.00	U	1.90	U	1.00	U	2.40	U	1.10	U	2.00	U	0.95	U	1.90	U	1.00	U	1.10	U	0.97	U
Isopropanol	**2.20**	J	**4.80**	BD	**4.10**	D	**2.40**	J	**3.50**	J	**2.40**	BD	**6.80**	BD	**2.30**	BD	**7.60**	BD	**3.80**	BD	**7.00**	BD	**5.20**	BD	**5.70**	BD	**2.20**	BD	**7.50**	BD	**5.70**	BD	**6.90**	D
Methyl Methacrylate	**1.20**	D	**1.10**	D	**0.86**	D	0.80	U	1.20	U	0.78	U	**0.79**	D	0.73	U	**1.20**	D	0.91	U	0.41	U	0.76	U	**0.76**	D	0.72	U	**1.00**	D	**1.00**	D	**0.75**	D
Methyl tert-butyl ether (MTBE)	0.66	U	0.35	U	0.35	U	0.70	U	1.00	U	0.69	U	0.35	U	0.64	U	0.35	U	0.81	U	0.36	U	0.67	U	0.32	U	0.63	U	0.34	U	0.38	U	0.33	U
Methylene chloride	1.30	U	**0.80**	D	**0.70**	D	1.40	U	2.00	U	1.30	U	**1.60**	D	1.20	U	**0.87**	D	1.60	U	**0.89**	D	**4.60**	D	**0.96**	D	1.20	U	**2.40**	D	**0.88**	D	**1.30**	D
n-Heptane	0.75	U	**1.50**	D	**1.30**	D	0.80	U	**1.50**	D	0.78	U	**1.30**	D	0.73	U	**2.10**	D	0.92	U	**8.40**	D	**13.0**	D	**1.50**	D	0.72	U	**1.40**	D	**1.50**	D	**1.20**	D
n-Hexane	0.64	U	**2.30**	D	**2.20**	D	**1.40**	D	**1.80**	D	**16.0**	D	**2.00**	D	**14.0**	D	**3.30**	D	**1.80**	D	**17.0**	D	**43.0**	D	**2.30**	D	0.62	U	**2.10**	D	**2.30**	D	**1.90**	D
o-Xylene	**12.0**	D	**1.40**	D	**1.30**	D	**8.90**	D	**5.20**	D	**6.00**	D	**1.20**	D	**16.0**	D	**1.80**	D	**3.70**	D	**4.70**	D	**10.0**	D	**1.10**	D	**4.50**	D	**1.30**	D	**1.40**	D	**1.20**	D
p- & m- Xylenes	**32.0**	D	**3.90**	D	**3.40**	D	**28.0**	D	**14.0**	D	**18.0**	D	**3.00**	D	**50.0**	D	**4.90**	D	**11.0**	D	**13.0**	D	**30.0**	D	**2.80**	D	**14.0**	D	**3.60**	D	**4.00**	D	**2.90**	D
p-Ethyltoluene	**12.0**	D	**1.20**	D	**1.00**	D	**12.0**	D	**5.60**	D	**6.00**	D	**0.90**	D	**17.0**	D	**1.60**	D	**3.80**	D	**3.60**	D	**9.70**	D	**0.83**	D	**5.50**	D	**1.10**	D	**1.20**	D	**0.90**	D
Propylene	**2.00**	D	**2.80**	D	**2.70**	D	**3.80**	D	**2.90**	D	0.33	U	0.17	U	**59.0**	D	**3.40**	D	**0.50**	D	**3.60**	D	**42.0**	D	**2.00**	D	0.30	U	**3.10**	D	**2.80**	D	**2.70**	D
Styrene	**6.10**	D	0.41	U	0.41	U	**14.0**	D	**4.00**	D	**6.70**	D	0.41	U	**23.0**	D	0.41	U	**2.90**	D	0.42	U	**11.0**	D	0.38	U	**4.50**	D	0.40	U	0.45	U	0.39	U
Tetrachloroethylene	**84.0**	D	0.65	U	0.65	U	**130.0**	D	**41.0**	D	**110.0**	D	0.66	U	**290.0**	D	0.65	U	**31.0**	D	0.67	U	**190.0**	D	**0.60**	D	**57.0**	D	**0.64**	D	0.71	U	0.62	U
Tetrahydrofuran	**2.40**	D	0.57	U	0.57	U	1.10	U	**4.20**	D	1.10	U	0.57	U	1.00	U	0.57	U	**3.60**	D	0.58	U	**5.00**	D	0.52	U	1.00	U	0.56	U	0.62	U	0.54	U
Toluene	**10.0**	D	**5.10**	D	**4.60**	D	**68.0**	D	**7.80**	D	**14.0**	D	**4.50**	D	**64.0**	D	**6.50**	D	**11.0**	D	**17.0**	D	**23.0**	D	**4.90**	D	**13.0**	D	**4.80**	D	**5.50**	D	**4.10**	D
trans-1,2-Dichloroethylene	0.72	U	0.38	U	0.38	U	0.77	U	1.10	U	0.76	U	0.38	U	0.70	U	0.38	U	0.89	U	0.39	U	0.73	U	0.35	U	0.70	U	0.38	U	0.42	U	0.36	U
trans-1,3-Dichloropropylene	0.83	U	0.43	U	0.44	U	0.88	U	1.30	U	0.87	U	0.44	U	0.81	U	0.44	U	1.00	U	0.45	U	0.84	U	0.40	U	0.80	U	0.43	U	0.48	U	0.41	U
Trichloroethylene	**0.39**	D	**0.21**	D	0.13	U	0.26	U	0.39	U	**1.10**	D	0.13	U	**4.60**	D	0.13	U	0.30	U	0.13	U	**1.30**	D	0.12	U	0.24	U	0.13	U	0.14	U	0.12	U
Trichlorofluoromethane (Freon 11)	**1.50**	D	**1.50**	D	**1.30**	D	**1.50**	D	1.60	U	**1.60**	D	**1.50**	D	**1.40**	D	**1.50**	D	**1.50**	D	**1.40**	D	**1.60**	D	**1.40**	D	**1.80**	D	**1.50**	D	**1.40**	D	**1.40**	D
Vinyl acetate	0.64	U	0.34	U	0.34	U	0.69	U	1.00	U	0.67	U	0.34	U	0.63	U	**1.60**	D	0.79	U	0.35	U	0.65	U	0.31	U	0.62	U	0.33	U	0.37	U	0.32	U
Vinyl bromide	0.80	U	0.42	U	0.42	U	0.85	U	1.30	U	0.84	U	0.42	U	0.78	U	0.42	U	0.98	U	0.43	U	0.81	U	0.39	U	0.77	U	0.41	U	0.46	U	0.40	U
Vinyl Chloride	0.23	U	0.12	U	0.12	U	0.25	U	0.37	U	0.24	U	0.12	U	0.23	U	0.12	U	0.29	U	0.13	U	0.24	U	0.11	U	0.22	U	0.12	U	0.13	U	0.12	U
Total BTEX	**60.0**		**13.8**		**12.5**		**112.2**		**31.6**		**47.8**		**11.8**		**163.0**		**17.6**		**29.9**		**44.6**		**79.7**		**12.0**		**35.1**		**12.9**		**14.3**		**11.0**	
Total VOCs	**313.5**		**51.7**		**47.8**		**378.1**		**317.1**		**391.2**		**49.9**		**722.8**		**69.1**		**256.9**		**116.3**		**637.8**		**54.0**		**145.0**		**54.4**		**52.6**		**49.1**	

NOTES:

Q is the Qualifier Column with definitions as follows:

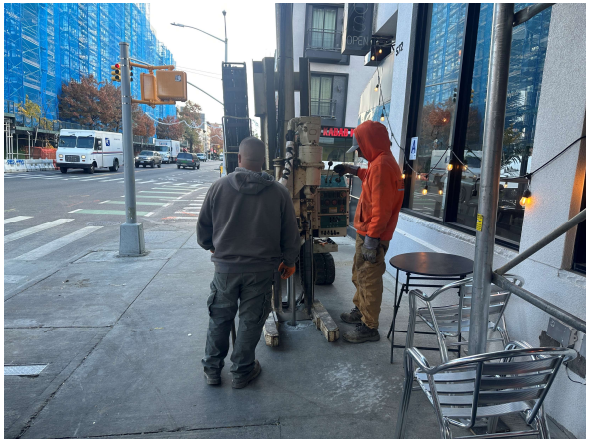
D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

Appendices

Appendix A: Photographs

Sampling Location Markup after GPR



Soil Vapor Probe Installation - 1

Soil Vapor Probe Installation - 2

Soil Vapor Probe Installation - 3

CAMP

Helium Test

Typical Sampling

Appendix B: Vapor/Air Sampling Log

AMBIENT AIR/SOIL VAPOR SAMPLING LOG SHEET

Weather Conditions during past 24-48 hrs: Sunny
Building Ventilation Conditions: All sampling was performed outside the building at each property
Source(s) of VOCs in Area: 566-568 Grand Street, Brooklyn (Potential Source)

Sample Coordinates						Sampler Name	Indoor PID Reading (ppm)	Indoor Air Temp (F)	Summa Canister ID	Canister Volume (L)	Purge Volume (L)	Helium Detector (ug/L)		Time Start (24 hr)	Time Stop (24 hr)	Canister Vacuum (Hg)		Total Volume Extract (L)	Weather (Wind, Dry, Moist, Saturated, temp of Sampling Zone)
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation									Start	Stop			Before	After		
			Date	Time	Depth														
OSV-1	11/16/2023	SV	11/14/2023	15:20	10' below ground surface	Ruijie Donavan Amoolya			10045	6	0.08	0.0	0.0	9:07	16:26	-30	-9		Dry
OSV-2				14:30					48317		0.08	0.0	0.0	10:52	16:39	-29	-15		Dry
OSV-3				11:30					43005		0.08	0.0	0.0	8:37	16:29	-30	-10		Dry
OSV-4				10:30					43006		0.08	0.0	0.0	8:51	16:15	-30	-9		Dry
OSV-5				9:50					37785		0.08	0.0	0.0	8:55	16:05	-30	-7		Dry
OSV-6				13:40					28844		0.08	0.0	0.0	8:58	16:23	-30	-12		Dry
OSV-7				12:10					48325		0.08	0.0	0.0	8:42	16:11	-30	-8		Dry
OSV-8				13:00					48304		0.08	0.0	0.0	8:45	16:13	-30	-10		Dry
OAO-1		AO							36999					9:08	16:27	-30	-10		Dry
OAO-2									20665					9:02	16:25	-30	-7		Dry
OAO-3									48302					8:38	16:08	-30	-8		Dry
OAO-4									18317					8:50	16:16	-30	-8		Dry
OAO-5									28306					8:56	16:05	-30	-8		Dry
OAO-6									41932					8:59	16:24	-30	-6		Dry
OAO-7									10014					8:41	16:10	-30	-7		Dry
OAO-8									23990					8:46	16:12	-30	-7		Dry
OAO-1 DUP									36994					9:10	16:27	-30	-8		Dry

Air Matrix Codes:
AI - Indoor Air
AO - Outdoor Air
SV - Soil Vapor
SB - Sub-Slab Vapor

Notes:

Appendix C: Laboratory Report

Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Ruijie Xu

Report Date: 11/30/2023
Client Project ID: 230001 566-568 Grand Street, Brooklyn
York Project (SDG) No.: 23K1171

Report Date: 11/30/2023
Client Project ID: 230001 566-568 Grand Street, Brooklyn
York Project (SDG) No.: 23K1171

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Ruijie Xu

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 November 16, 2023 and listed below. The project was identified as your project: **230001 566-568 Grand Street, Brooklyn**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23K1171-01	OSV-1	Soil Vapor	11/16/2023	11/16/2023
23K1171-02	OSV-3	Soil Vapor	11/16/2023	11/16/2023
23K1171-03	OSV-4	Soil Vapor	11/16/2023	11/16/2023
23K1171-04	OSV-5	Soil Vapor	11/16/2023	11/16/2023
23K1171-05	OSV-6	Soil Vapor	11/16/2023	11/16/2023
23K1171-06	OSV-7	Soil Vapor	11/16/2023	11/16/2023
23K1171-07	OSV-8	Soil Vapor	11/16/2023	11/16/2023
23K1171-08	OAO-1	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-09	OAO-2	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-10	OAO-3	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-11	OAO-4	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-12	OAO-5	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-13	OAO-6	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-14	OAO-7	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-15	OAO-8	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-16	OAO-1 DUP	Outdoor Ambient Ai	11/16/2023	11/16/2023
23K1171-17	OSV-2	Soil Vapor	11/16/2023	11/16/2023

General Notes for York Project (SDG) No.: 23K1171

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:** 11/30/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **OSV-1** **York Sample ID:** **23K1171-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 9:07 am	11/16/2023

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/m³	1.3	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
120-82-1	**1,2,4-Trichlorobenzene**	**1.5**		ug/m³	1.4	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
95-63-6	**1,2,4-Trimethylbenzene**	**13**		ug/m³	0.90	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
108-67-8	**1,3,5-Trimethylbenzene**	**6.1**		ug/m³	0.90	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
78-93-3	**2-Butanone**	**11**		ug/m³	0.54	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
591-78-6	*** 2-Hexanone**	**1.9**		ug/m³	1.5	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH

Sample Information

Client Sample ID: OSV-1 **York Sample ID:** 23K1171-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 9:07 am	11/16/2023

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/m³	2.9	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
108-10-1	**4-Methyl-2-pentanone**	**1.6**		ug/m³	0.75	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
67-64-1	**Acetone**	**59**		ug/m³	0.87	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
107-13-1	Acrylonitrile	ND		ug/m³	1.2	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
71-43-2	**Benzene**	**0.58**		ug/m³	0.58	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.95	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-25-2	Bromoform	ND	TO-LCS-L	ug/m³	1.9	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
74-83-9	Bromomethane	ND		ug/m³	0.71	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-15-0	**Carbon disulfide**	**0.80**		ug/m³	0.57	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.29	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-00-3	Chloroethane	ND		ug/m³	0.48	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
67-66-3	**Chloroform**	**44**		ug/m³	0.89	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
74-87-3	Chloromethane	ND		ug/m³	0.38	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
110-82-7	Cyclohexane	ND		ug/m³	0.63	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.90	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH
100-41-4	**Ethyl Benzene**	**5.4**		ug/m³	0.79	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH

Sample Information

Client Sample ID: OSV-1 **York Sample ID:** 23K1171-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 9:07 am	11/16/2023

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/m³	2.2	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
80-62-6	**Methyl Methacrylate**	**1.2**		ug/m³	0.75	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
142-82-5	n-Heptane	ND		ug/m³	0.75	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
110-54-3	n-Hexane	ND		ug/m³	0.64	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
95-47-6	**o-Xylene**	**12**		ug/m³	0.79	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
179601-23-1	**p- & m- Xylenes**	**32**		ug/m³	1.6	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
622-96-8	*** p-Ethyltoluene**	**12**		ug/m³	0.90	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH
115-07-1	*** Propylene**	**2.0**	TO-LCS-L	ug/m³	0.31	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH
100-42-5	**Styrene**	**6.1**		ug/m³	0.78	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
127-18-4	**Tetrachloroethylene**	**84**		ug/m³	1.2	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
109-99-9	*** Tetrahydrofuran**	**2.4**		ug/m³	1.1	1.827	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 15:29	VH
108-88-3	**Toluene**	**10**		ug/m³	0.69	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
79-01-6	**Trichloroethylene**	**0.39**		ug/m³	0.25	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	1.0	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.64	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.827	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 15:29	VH

Sample Information

Client Sample ID: OSV-3 **York Sample ID:** 23K1171-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:37 am	11/16/2023

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/m³	1.3	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.79	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/m³	0.96	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.79	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.90	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
108-67-8	**1,3,5-Trimethylbenzene**	**3.2**		ug/m³	0.96	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.90	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
78-93-3	**2-Butanone**	**10**		ug/m³	0.57	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
591-78-6	*** 2-Hexanone**	**6.0**		ug/m³	1.6	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
107-05-1	3-Chloropropene	ND		ug/m³	3.0	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH

Sample Information

Client Sample ID: OSV-3 **York Sample ID:** 23K1171-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:37 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.80	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
67-64-1	**Acetone**	**38**		ug/m³	0.93	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
107-13-1	Acrylonitrile	ND		ug/m³	1.3	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
71-43-2	**Benzene**	**1.3**		ug/m³	0.62	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-25-2	Bromoform	ND	TO-LCS-L	ug/m³	2.0	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
74-83-9	Bromomethane	ND		ug/m³	0.76	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-15-0	**Carbon disulfide**	**19**		ug/m³	0.61	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.31	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.90	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-00-3	Chloroethane	ND		ug/m³	0.51	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
67-66-3	**Chloroform**	**1.1**		ug/m³	0.95	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
74-87-3	Chloromethane	ND		ug/m³	0.40	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.88	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
110-82-7	**Cyclohexane**	**9.8**		ug/m³	0.67	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.96	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
100-41-4	**Ethyl Benzene**	**6.0**		ug/m³	0.85	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.1	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
67-63-0	Isopropanol	ND		ug/m³	2.4	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH

Sample Information

Client Sample ID: OSV-3 **York Sample ID:** 23K1171-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:37 am	11/16/2023

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.80	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.70	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-09-2	Methylene chloride	ND		ug/m³	1.4	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
142-82-5	n-Heptane	ND		ug/m³	0.80	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
110-54-3	**n-Hexane**	**1.4**		ug/m³	0.69	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
95-47-6	**o-Xylene**	**8.9**		ug/m³	0.85	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
179601-23-1	**p- & m- Xylenes**	**28**		ug/m³	1.7	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
622-96-8	*** p-Ethyltoluene**	**12**		ug/m³	0.96	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
115-07-1	*** Propylene**	**3.8**	TO-LCS-L	ug/m³	0.34	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
100-42-5	**Styrene**	**14**		ug/m³	0.83	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
127-18-4	**Tetrachloroethylene**	**130**		ug/m³	1.3	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.948	EPA TO-15 Certifications:	11/20/2023 10:00	11/28/2023 17:35	VH
108-88-3	**Toluene**	**68**		ug/m³	0.73	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.77	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.88	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.26	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	1.1	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.69	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.85	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.25	1.948	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/28/2023 17:35	VH

Sample Information

Client Sample ID: OSV-4 **York Sample ID:** 23K1171-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:51 am	11/16/2023

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/m³	1.3	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.77	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
95-63-6	**1,2,4-Trimethylbenzene**	**5.9**		ug/m³	0.94	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.77	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.88	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**		ug/m³	0.94	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
106-99-0	**1,3-Butadiene**	**8.0**		ug/m³	1.3	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.88	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
78-93-3	**2-Butanone**	**10**		ug/m³	0.56	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
591-78-6	*** 2-Hexanone**	**2.4**		ug/m³	1.6	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
107-05-1	3-Chloropropene	ND		ug/m³	3.0	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH

Sample Information

Client Sample ID: OSV-4 **York Sample ID:** 23K1171-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:51 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.78	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
67-64-1	**Acetone**	**44**		ug/m³	0.91	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
107-13-1	Acrylonitrile	ND		ug/m³	1.2	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
71-43-2	**Benzene**	**5.5**		ug/m³	0.61	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.99	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	2.0	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
74-83-9	Bromomethane	ND		ug/m³	0.74	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-15-0	**Carbon disulfide**	**26**		ug/m³	0.60	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.30	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.88	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-00-3	Chloroethane	ND		ug/m³	0.50	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
67-66-3	**Chloroform**	**98**		ug/m³	0.93	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
74-87-3	Chloromethane	ND		ug/m³	0.40	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.87	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
110-82-7	**Cyclohexane**	**0.66**		ug/m³	0.66	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.95	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
100-41-4	**Ethyl Benzene**	**4.3**		ug/m³	0.83	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
67-63-0	**Isopropanol**	**2.4**	B	ug/m³	2.4	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH

Sample Information

Client Sample ID: OSV-4 **York Sample ID:** 23K1171-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:51 am	11/16/2023

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.78	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.69	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
142-82-5	n-Heptane	ND		ug/m³	0.78	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
110-54-3	**n-Hexane**	**16**		ug/m³	0.67	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
95-47-6	**o-Xylene**	**6.0**		ug/m³	0.83	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
179601-23-1	**p- & m- Xylenes**	**18**		ug/m³	1.7	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
622-96-8	*** p-Ethyltoluene**	**6.0**		ug/m³	0.94	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
115-07-1	* Propylene	ND	TO-LCS-L	ug/m³	0.33	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
100-42-5	**Styrene**	**6.7**		ug/m³	0.82	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	1.3	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.914	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 18:38	VH
108-88-3	**Toluene**	**14**		ug/m³	0.72	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.76	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.87	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
79-01-6	**Trichloroethylene**	**1.1**		ug/m³	0.26	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	1.1	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.67	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.84	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	1.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 18:38	VH

Sample Information

Client Sample ID: OSV-5 **York Sample ID:** 23K1171-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:55 am	11/16/2023

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/m³	1.2	1.778	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 19:41	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.97	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
95-63-6	**1,2,4-Trimethylbenzene**	**14**		ug/m³	0.87	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
108-67-8	**1,3,5-Trimethylbenzene**	**4.5**		ug/m³	0.87	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
106-99-0	**1,3-Butadiene**	**13**		ug/m³	1.2	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.778	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 19:41	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
78-93-3	**2-Butanone**	**16**		ug/m³	0.52	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
591-78-6	*** 2-Hexanone**	**5.3**		ug/m³	1.5	1.778	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 19:41	VH
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH

Sample Information

Client Sample ID: OSV-5 **York Sample ID:** 23K1171-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:55 am	11/16/2023

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
108-10-1	**4-Methyl-2-pentanone**	**2.5**		ug/m³	0.73	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**42**		ug/m³	0.84	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	1.2	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**21**		ug/m³	0.57	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.92	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	1.8	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.69	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**9.7**		ug/m³	0.55	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.28	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.82	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.47	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**30**		ug/m³	0.87	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.51**		ug/m³	0.37	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.81	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**8.1**		ug/m³	0.61	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.88	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.77	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**2.3**	B	ug/m³	2.2	1.778	EPA TO-15	11/28/2023 10:00	11/28/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OSV-5 **York Sample ID:** 23K1171-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:55 am	11/16/2023

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.73	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
142-82-5	n-Heptane	ND		ug/m³	0.73	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
110-54-3	**n-Hexane**	**14**		ug/m³	0.63	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
95-47-6	**o-Xylene**	**16**		ug/m³	0.77	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
179601-23-1	**p- & m- Xylenes**	**50**		ug/m³	1.5	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
622-96-8	*** p-Ethyltoluene**	**17**		ug/m³	0.87	1.778	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 19:41	VH
115-07-1	*** Propylene**	**59**	TO-LCS-L	ug/m³	0.31	1.778	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 19:41	VH
100-42-5	**Styrene**	**23**		ug/m³	0.76	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
127-18-4	**Tetrachloroethylene**	**290**		ug/m³	1.2	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.0	1.778	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 19:41	VH
108-88-3	**Toluene**	**64**		ug/m³	0.67	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.81	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
79-01-6	**Trichloroethylene**	**4.6**		ug/m³	0.24	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	1.0	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.63	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.78	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.778	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 19:41	VH

Sample Information

Client Sample ID: OSV-6 **York Sample ID:** 23K1171-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:58 am	11/16/2023

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/m³	1.5	2.234	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 20:45	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.2	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.5	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.7	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.2	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.90	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.22	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.7	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
95-63-6	**1,2,4-Trimethylbenzene**	**4.2**		ug/m³	1.1	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.7	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.3	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.90	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.0	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.6	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
108-67-8	**1,3,5-Trimethylbenzene**	**1.2**		ug/m³	1.1	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.5	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.3	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.0	2.234	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 20:45	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.3	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.6	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
78-93-3	**2-Butanone**	**23**		ug/m³	0.66	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
591-78-6	*** 2-Hexanone**	**2.0**		ug/m³	1.8	2.234	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 20:45	VH
107-05-1	3-Chloropropene	ND		ug/m³	3.5	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH

Sample Information

Client Sample ID: OSV-6 **York Sample ID:** 23K1171-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:58 am	11/16/2023

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
108-10-1	**4-Methyl-2-pentanone**	**5.1**		ug/m³	0.92	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**120**		ug/m³	1.1	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	1.5	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**1.7**		ug/m³	0.71	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	1.2	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.5	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	TO-LCS-L	ug/m³	2.3	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.87	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.70	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.35	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	1.0	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.59	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**22**		ug/m³	1.1	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.60**		ug/m³	0.46	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.22	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.0	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.77	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.9	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	1.1	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	1.6	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.5**		ug/m³	0.97	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.4	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**3.8**	B	ug/m³	2.7	2.234	EPA TO-15	11/28/2023 10:00	11/28/2023 20:45	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OSV-6 **York Sample ID:** 23K1171-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:58 am	11/16/2023

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.91	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.81	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
75-09-2	Methylene chloride	ND		ug/m³	1.6	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
142-82-5	n-Heptane	ND		ug/m³	0.92	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
110-54-3	**n-Hexane**	**1.8**		ug/m³	0.79	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
95-47-6	**o-Xylene**	**3.7**		ug/m³	0.97	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
179601-23-1	**p- & m- Xylenes**	**11**		ug/m³	1.9	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
622-96-8	*** p-Ethyltoluene**	**3.8**		ug/m³	1.1	2.234	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 20:45	VH
115-07-1	*** Propylene**	**0.50**	TO-LCS-L	ug/m³	0.38	2.234	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 20:45	VH
100-42-5	**Styrene**	**2.9**		ug/m³	0.95	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
127-18-4	**Tetrachloroethylene**	**31**		ug/m³	1.5	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
109-99-9	*** Tetrahydrofuran**	**3.6**		ug/m³	1.3	2.234	EPA TO-15 Certifications:	11/28/2023 10:00	11/28/2023 20:45	VH
108-88-3	**Toluene**	**11**		ug/m³	0.84	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.89	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.0	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.30	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	1.3	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.79	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.98	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.29	2.234	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/28/2023 10:00	11/28/2023 20:45	VH

Sample Information

Client Sample ID: OSV-7 **York Sample ID:** 23K1171-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:42 am	11/16/2023

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/m³	1.3	1.847	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 18:37	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.75	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
120-82-1	**1,2,4-Trichlorobenzene**	**1.4**		ug/m³	1.4	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
95-63-6	**1,2,4-Trimethylbenzene**	**9.4**		ug/m³	0.91	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.75	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.85	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
108-67-8	**1,3,5-Trimethylbenzene**	**3.3**		ug/m³	0.91	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
106-99-0	**1,3-Butadiene**	**2.4**		ug/m³	1.2	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.85	1.847	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 18:37	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
78-93-3	**2-Butanone**	**17**		ug/m³	0.54	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR
591-78-6	*** 2-Hexanone**	**5.2**		ug/m³	1.5	1.847	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 18:37	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.847	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 18:37	YR

Sample Information

Client Sample ID: OSV-7 **York Sample ID:** 23K1171-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:42 am	11/16/2023

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
108-10-1	**4-Methyl-2-pentanone**	**2.3**		ug/m³	0.76	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**76**		ug/m³	0.88	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**8.1**		ug/m³	1.2	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**10**		ug/m³	0.59	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.96	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	1.9	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.72	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**65**		ug/m³	0.58	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.29	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.85	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	**Chloroethane**	**1.8**		ug/m³	0.49	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**20**		ug/m³	0.90	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.69**		ug/m³	0.38	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.84	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**16**		ug/m³	0.64	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.91	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**6.7**		ug/m³	0.80	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OSV-7 **York Sample ID:** 23K1171-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:42 am	11/16/2023

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**	**5.2**	B	ug/m³	2.3	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.76	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.67	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**4.6**		ug/m³	1.3	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**13**		ug/m³	0.76	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**43**		ug/m³	0.65	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**10**		ug/m³	0.80	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**30**		ug/m³	1.6	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**9.7**		ug/m³	0.91	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications:			
115-07-1	*** Propylene**	**42**		ug/m³	0.32	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications:			
100-42-5	**Styrene**	**11**		ug/m³	0.79	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**190**		ug/m³	1.3	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**5.0**		ug/m³	1.1	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications:			
108-88-3	**Toluene**	**23**		ug/m³	0.70	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.73	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.84	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**1.3**		ug/m³	0.25	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	1.0	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.65	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.81	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	1.847	EPA TO-15	11/29/2023 12:00	11/29/2023 18:37	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OSV-8 **York Sample ID:** 23K1171-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:45 am	11/16/2023

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/m³	1.2	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.96	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.71	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
95-63-6	**1,2,4-Trimethylbenzene**	**6.4**		ug/m³	0.86	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.81	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.6**		ug/m³	0.86	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.81	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
78-93-3	**2-Butanone**	**5.3**		ug/m³	0.52	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
591-78-6	*** 2-Hexanone**	**1.4**		ug/m³	1.4	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.7	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR

Sample Information

Client Sample ID: OSV-8 **York Sample ID:** 23K1171-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:45 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
67-64-1	**Acetone**	**15**		ug/m³	0.83	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
107-13-1	**Acrylonitrile**	**2.1**		ug/m³	1.1	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
71-43-2	**Benzene**	**0.62**		ug/m³	0.56	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.91	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	1.8	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
74-83-9	Bromomethane	ND		ug/m³	0.68	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.55	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.28	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.81	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-00-3	Chloroethane	ND		ug/m³	0.46	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
67-66-3	**Chloroform**	**3.9**		ug/m³	0.86	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
74-87-3	Chloromethane	ND		ug/m³	0.36	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
110-82-7	Cyclohexane	ND		ug/m³	0.60	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.87	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
100-41-4	**Ethyl Benzene**	**3.0**		ug/m³	0.76	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
67-63-0	**Isopropanol**	**2.2**	B	ug/m³	2.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR

Sample Information

Client Sample ID: OSV-8 **York Sample ID:** 23K1171-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 8:45 am	11/16/2023

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.63	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
142-82-5	n-Heptane	ND		ug/m³	0.72	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
110-54-3	n-Hexane	ND		ug/m³	0.62	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
95-47-6	**o-Xylene**	**4.5**		ug/m³	0.76	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
179601-23-1	**p- & m- Xylenes**	**14**		ug/m³	1.5	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
622-96-8	*** p-Ethyltoluene**	**5.5**		ug/m³	0.86	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
115-07-1	* Propylene	ND		ug/m³	0.30	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
100-42-5	**Styrene**	**4.5**		ug/m³	0.75	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
127-18-4	**Tetrachloroethylene**	**57**		ug/m³	1.2	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.0	1.757	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 20:44	YR
108-88-3	**Toluene**	**13**		ug/m³	0.66	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.24	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.8**		ug/m³	0.99	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.62	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.77	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.22	1.757	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 20:44	YR

Sample Information

Client Sample ID: OAO-1 **York Sample ID:** 23K1171-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:08 am	11/16/2023

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/m³	0.72	1.05	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 21:53	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.80	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.78	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.3**		ug/m³	0.52	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.81	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.42	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.73	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.52	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.70	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	1.05	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 21:53	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.63	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.76	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
78-93-3	**2-Butanone**	**1.6**		ug/m³	0.31	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.05	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 21:53	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR

Sample Information

Client Sample ID: OAO-1 **York Sample ID:** 23K1171-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:08 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
67-64-1	**Acetone**	**13**		ug/m³	0.50	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.68	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
71-43-2	**Benzene**	**2.2**		ug/m³	0.34	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.54	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.70	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-25-2	Bromoform	ND	TO-LCS-L	ug/m³	1.1	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
74-83-9	Bromomethane	ND		ug/m³	0.41	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.17	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-00-3	Chloroethane	ND		ug/m³	0.28	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
67-66-3	Chloroform	ND		ug/m³	0.51	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.22	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
110-82-7	**Cyclohexane**	**0.69**		ug/m³	0.36	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.89	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.52	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
141-78-6	*** Ethyl acetate**	**0.79**		ug/m³	0.76	1.05	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 21:53	YR
100-41-4	**Ethyl Benzene**	**1.2**		ug/m³	0.46	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR
67-63-0	**Isopropanol**	**5.7**	B	ug/m³	1.3	1.05	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 21:53	YR

Sample Information

Client Sample ID: OAO-1 **York Sample ID:** 23K1171-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:08 am	11/16/2023

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
80-62-6	**Methyl Methacrylate**	**1.0**		ug/m³	0.43	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**0.88**		ug/m³	0.73	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.43	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.3**		ug/m³	0.37	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.4**		ug/m³	0.46	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**4.0**		ug/m³	0.91	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.2**		ug/m³	0.52	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:			
115-07-1	*** Propylene**	**2.8**		ug/m³	0.18	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.45	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.71	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.62	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:			
108-88-3	**Toluene**	**5.5**		ug/m³	0.40	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.59	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.37	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.05	EPA TO-15	11/29/2023 12:00	11/29/2023 21:53	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OAO-2 **York Sample ID:** 23K1171-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:02 am	11/16/2023

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/m³	0.66	0.958	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 23:03	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.73	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.71	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.47	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
108-67-8	**1,3,5-Trimethylbenzene**	**0.47**		ug/m³	0.47	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 23:03	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
78-93-3	**2-Butanone**	**1.8**		ug/m³	0.28	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.78	0.958	EPA TO-15 Certifications:	11/29/2023 12:00	11/29/2023 23:03	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/29/2023 23:03	YR

Sample Information

Client Sample ID: OAO-2 **York Sample ID:** 23K1171-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:02 am	11/16/2023

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
108-10-1	**4-Methyl-2-pentanone**	**0.39**		ug/m³	0.39	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**12**		ug/m³	0.46	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	0.62	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**2.2**		ug/m³	0.31	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	0.99	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.37	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.42**		ug/m³	0.15	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.25	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.47	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.20	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.73**		ug/m³	0.33	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.47	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**0.76**		ug/m³	0.69	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.2**		ug/m³	0.42	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**4.8**	B	ug/m³	1.2	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OAO-2 **York Sample ID:** 23K1171-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:02 am	11/16/2023

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
80-62-6	**Methyl Methacrylate**	**1.1**		ug/m³	0.39	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**0.80**		ug/m³	0.67	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.39	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.3**		ug/m³	0.34	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.4**		ug/m³	0.42	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**3.9**		ug/m³	0.83	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.2**		ug/m³	0.47	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:			
115-07-1	*** Propylene**	**2.8**		ug/m³	0.16	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.41	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:			
108-88-3	**Toluene**	**5.1**		ug/m³	0.36	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**0.21**		ug/m³	0.13	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.54	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.958	EPA TO-15	11/29/2023 12:00	11/29/2023 23:03	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OAO-3 **York Sample ID:** 23K1171-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:38 am	11/16/2023

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/m³	0.66	0.968	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 00:12	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.74	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.096	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.72	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.0**		ug/m³	0.48	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.68	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.48	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.968	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 00:12	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.58	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.70	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
78-93-3	**2-Butanone**	**2.7**		ug/m³	0.29	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.79	0.968	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 00:12	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.968	EPA TO-15 Certifications:	11/29/2023 12:00 NELAC-NY12058,NJDEP-NY037	11/30/2023 00:12	YR

Sample Information

Client Sample ID: OAO-3 **York Sample ID:** 23K1171-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:38 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.40	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
67-64-1	**Acetone**	**14**		ug/m³	0.46	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.63	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
71-43-2	**Benzene**	**2.0**		ug/m³	0.31	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.65	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	1.0	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
74-83-9	Bromomethane	ND		ug/m³	0.38	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
56-23-5	**Carbon tetrachloride**	**0.43**		ug/m³	0.15	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
75-00-3	Chloroethane	ND		ug/m³	0.26	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
67-66-3	Chloroform	ND		ug/m³	0.47	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.20	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.096	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
110-82-7	**Cyclohexane**	**0.57**		ug/m³	0.33	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.48	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
141-78-6	*** Ethyl acetate**	**0.84**		ug/m³	0.70	0.968	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 00:12	YR
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.42	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR
67-63-0	**Isopropanol**	**6.8**	B	ug/m³	1.2	0.968	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 00:12	YR

Sample Information

Client Sample ID: OAO-3 **York Sample ID:** 23K1171-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:38 am	11/16/2023

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
80-62-6	**Methyl Methacrylate**	**0.79**		ug/m³	0.40	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.6**		ug/m³	0.67	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.40	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.0**		ug/m³	0.34	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.2**		ug/m³	0.42	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**3.0**		ug/m³	0.84	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**0.90**		ug/m³	0.48	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.41	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.66	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:			
108-88-3	**Toluene**	**4.5**		ug/m³	0.36	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.54	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.968	EPA TO-15	11/29/2023 12:00	11/30/2023 00:12	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OAO-4 **York Sample ID:** 23K1171-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:50 am	11/16/2023

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/m³	0.66	0.961	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 01:22	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.74	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.095	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.71	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**		ug/m³	0.47	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
108-67-8	**1,3,5-Trimethylbenzene**	**0.47**		ug/m³	0.47	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.961	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 01:22	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.58	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
78-93-3	**2-Butanone**	**2.9**		ug/m³	0.28	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.79	0.961	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 01:22	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.961	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 01:22	YR

Sample Information

Client Sample ID: OAO-4 **York Sample ID:** 23K1171-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:50 am	11/16/2023

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
108-10-1	**4-Methyl-2-pentanone**	**1.7**		ug/m³	0.39	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**15**		ug/m³	0.46	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	0.63	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**2.9**		ug/m³	0.31	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	0.99	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.37	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.42**		ug/m³	0.15	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.25	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.47	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.20	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.095	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**0.93**		ug/m³	0.33	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.48	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**1.3**		ug/m³	0.69	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.5**		ug/m³	0.42	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**7.6**	B	ug/m³	1.2	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OAO-4 **York Sample ID:** 23K1171-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:50 am	11/16/2023

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
80-62-6	**Methyl Methacrylate**	**1.2**		ug/m³	0.39	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**0.87**		ug/m³	0.67	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**2.1**		ug/m³	0.39	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**3.3**		ug/m³	0.34	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.8**		ug/m³	0.42	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**4.9**		ug/m³	0.83	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**1.6**		ug/m³	0.47	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:			
115-07-1	*** Propylene**	**3.4**		ug/m³	0.17	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.41	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications:			
108-88-3	**Toluene**	**6.5**		ug/m³	0.36	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.54	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	**Vinyl acetate**	**1.6**		ug/m³	0.34	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.961	EPA TO-15	11/29/2023 12:00	11/30/2023 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OAO-5 **York Sample ID:** 23K1171-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:56 am	11/16/2023

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/m³	0.68	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.68	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.098	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.73	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
95-63-6	**1,2,4-Trimethylbenzene**	**3.9**		ug/m³	0.49	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.76	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.1**		ug/m³	0.49	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.71	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
78-93-3	**2-Butanone**	**2.2**		ug/m³	0.29	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.81	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR

Sample Information

Client Sample ID: OAO-5 **York Sample ID:** 23K1171-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:56 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
67-64-1	**Acetone**	**13**		ug/m³	0.47	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.64	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
71-43-2	**Benzene**	**5.6**		ug/m³	0.32	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.66	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	1.0	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
74-83-9	Bromomethane	ND		ug/m³	0.38	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.16	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-00-3	Chloroethane	ND		ug/m³	0.26	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
67-66-3	Chloroform	ND		ug/m³	0.48	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
74-87-3	**Chloromethane**	**0.98**		ug/m³	0.20	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.098	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
110-82-7	**Cyclohexane**	**4.5**		ug/m³	0.34	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.84	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.49	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
141-78-6	*** Ethyl acetate**	**1.3**		ug/m³	0.71	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
100-41-4	**Ethyl Benzene**	**4.3**		ug/m³	0.43	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
67-63-0	**Isopropanol**	**7.0**	B	ug/m³	1.2	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR

Sample Information

Client Sample ID: OAO-5 **York Sample ID:** 23K1171-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:56 am	11/16/2023

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-09-2	**Methylene chloride**	**0.89**		ug/m³	0.69	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
142-82-5	**n-Heptane**	**8.4**		ug/m³	0.41	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
110-54-3	**n-Hexane**	**17**		ug/m³	0.35	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
95-47-6	**o-Xylene**	**4.7**		ug/m³	0.43	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	0.86	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
622-96-8	*** p-Ethyltoluene**	**3.6**		ug/m³	0.49	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
115-07-1	*** Propylene**	**3.6**		ug/m³	0.17	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
100-42-5	Styrene	ND		ug/m³	0.42	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.67	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.58	0.99	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 02:32	YR
108-88-3	**Toluene**	**17**		ug/m³	0.37	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.56	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	0.99	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 02:32	YR

Sample Information

Client Sample ID: OAO-6 **York Sample ID:** 23K1171-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:59 am	11/16/2023

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/m³	0.61	0.887	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 03:41	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.48	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.66	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.83**		ug/m³	0.44	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.53	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.62	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.53	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.887	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 03:41	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.53	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
78-93-3	**2-Butanone**	**2.9**		ug/m³	0.26	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.887	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 03:41	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR

Sample Information

Client Sample ID: OAO-6 **York Sample ID:** 23K1171-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:59 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
67-64-1	**Acetone**	**16**		ug/m³	0.42	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.58	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
71-43-2	**Benzene**	**2.1**		ug/m³	0.28	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.59	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-25-2	Bromoform	ND	TO-LCS -L	ug/m³	0.92	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
74-83-9	Bromomethane	ND		ug/m³	0.34	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
56-23-5	**Carbon tetrachloride**	**0.45**		ug/m³	0.14	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
67-66-3	Chloroform	ND		ug/m³	0.43	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.18	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
110-82-7	**Cyclohexane**	**0.64**		ug/m³	0.31	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.76	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.44	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
141-78-6	*** Ethyl acetate**	**0.86**		ug/m³	0.64	0.887	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 03:41	YR
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.39	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.95	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR
67-63-0	**Isopropanol**	**5.7**	B	ug/m³	1.1	0.887	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 03:41	YR

Sample Information

Client Sample ID: OAO-6 **York Sample ID:** 23K1171-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:59 am	11/16/2023

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
80-62-6	**Methyl Methacrylate**	**0.76**		ug/m³	0.36	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**0.96**		ug/m³	0.62	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.36	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.3**		ug/m³	0.31	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.1**		ug/m³	0.39	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**2.8**		ug/m³	0.77	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**0.83**		ug/m³	0.44	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:			
115-07-1	*** Propylene**	**2.0**		ug/m³	0.15	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.38	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**0.60**		ug/m³	0.60	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.52	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:			
108-88-3	**Toluene**	**4.9**		ug/m³	0.33	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.50	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.887	EPA TO-15	11/29/2023 12:00	11/30/2023 03:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OAO-7 **York Sample ID:** 23K1171-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:41 am	11/16/2023

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/m³	0.65	0.946	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 04:51	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.65	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.094	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.70	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.3**		ug/m³	0.47	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.73	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.57	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.66	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.63	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.57	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.946	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 04:51	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.57	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.68	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
78-93-3	**2-Butanone**	**1.8**		ug/m³	0.28	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.78	0.946	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 04:51	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR

Sample Information

Client Sample ID: OAO-7 **York Sample ID:** 23K1171-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:41 am	11/16/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
67-64-1	**Acetone**	**12**		ug/m³	0.45	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.62	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
71-43-2	**Benzene**	**2.1**		ug/m³	0.30	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.49	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-25-2	Bromoform	ND	TO-LCS-L	ug/m³	0.98	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
74-83-9	Bromomethane	ND		ug/m³	0.37	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
56-23-5	**Carbon tetrachloride**	**0.42**		ug/m³	0.15	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-00-3	Chloroethane	ND		ug/m³	0.25	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
67-66-3	Chloroform	ND		ug/m³	0.46	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.20	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.094	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
110-82-7	**Cyclohexane**	**0.65**		ug/m³	0.33	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.81	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.47	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
141-78-6	*** Ethyl acetate**	**0.92**		ug/m³	0.68	0.946	EPA TO-15 Certifications:	11/29/2023 12:00	11/30/2023 04:51	YR
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.41	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR
67-63-0	**Isopropanol**	**7.5**	B	ug/m³	1.2	0.946	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/29/2023 12:00	11/30/2023 04:51	YR

Sample Information

Client Sample ID: OAO-7 **York Sample ID:** 23K1171-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:41 am	11/16/2023

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
80-62-6	**Methyl Methacrylate**	**1.0**		ug/m³	0.39	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**2.4**		ug/m³	0.66	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**1.4**		ug/m³	0.39	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.1**		ug/m³	0.33	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.41	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**3.6**		ug/m³	0.82	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.47	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:			
115-07-1	*** Propylene**	**3.1**		ug/m³	0.16	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.40	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**0.64**		ug/m³	0.64	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.56	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:			
108-88-3	**Toluene**	**4.8**		ug/m³	0.36	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.53	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.33	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.946	EPA TO-15	11/29/2023 12:00	11/30/2023 04:51	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OAO-8 **York Sample ID:** 23K1171-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:46 am	11/16/2023

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/m³	0.63	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.50	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.63	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.70	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.50	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.37	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.091	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-LCS-L	ug/m³	0.68	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.90**		ug/m³	0.45	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.70	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.55	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.37	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.42	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.64	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.45	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
106-99-0	1,3-Butadiene	ND	TO-CCV, TO-LCS-L	ug/m³	0.61	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.55	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.42	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.55	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.66	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
78-93-3	**2-Butanone**	**1.8**		ug/m³	0.27	0.914	EPA TO-15 Certifications:	11/27/2023 10:00 NELAC-NY12058,NJDEP-NY037	11/27/2023 18:29	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.75	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH

Sample Information

Client Sample ID: OAO-8 **York Sample ID:** 23K1171-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:46 am	11/16/2023

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/m³	1.4	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
108-10-1	**4-Methyl-2-pentanone**	**0.67**		ug/m³	0.37	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
67-64-1	**Acetone**	**12**		ug/m³	0.43	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.60	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
71-43-2	**Benzene**	**1.8**		ug/m³	0.29	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.47	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.61	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-25-2	Bromoform	ND		ug/m³	0.94	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
74-83-9	Bromomethane	ND		ug/m³	0.35	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.14	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.42	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-00-3	Chloroethane	ND		ug/m³	0.24	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
67-66-3	Chloroform	ND		ug/m³	0.45	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
74-87-3	**Chloromethane**	**0.96**	TO-CCV, TO-LCS-L	ug/m³	0.19	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.091	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.41	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
110-82-7	**Cyclohexane**	**0.57**		ug/m³	0.31	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.78	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.45	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
141-78-6	*** Ethyl acetate**	**0.89**		ug/m³	0.66	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH
100-41-4	**Ethyl Benzene**	**0.95**		ug/m³	0.40	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH

Sample Information

Client Sample ID: OAO-8 **York Sample ID:** 23K1171-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:46 am	11/16/2023

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	TO-LCS -L	ug/m³	0.97	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
67-63-0	**Isopropanol**	**6.9**		ug/m³	1.1	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
80-62-6	**Methyl Methacrylate**	**0.75**		ug/m³	0.37	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-09-2	**Methylene chloride**	**1.3**		ug/m³	0.63	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
142-82-5	**n-Heptane**	**1.2**		ug/m³	0.37	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
110-54-3	**n-Hexane**	**1.9**		ug/m³	0.32	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
95-47-6	**o-Xylene**	**1.2**		ug/m³	0.40	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
179601-23-1	**p- & m- Xylenes**	**2.9**		ug/m³	0.79	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
622-96-8	*** p-Ethyltoluene**	**0.90**		ug/m³	0.45	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH
115-07-1	*** Propylene**	**2.7**		ug/m³	0.16	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH
100-42-5	Styrene	ND		ug/m³	0.39	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	0.62	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.54	0.914	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 18:29	VH
108-88-3	**Toluene**	**4.1**		ug/m³	0.34	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.51	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.32	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.40	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH
75-01-4	Vinyl Chloride	ND	TO-CCV, TO-LCS -L	ug/m³	0.12	0.914	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 18:29	VH

Sample Information

Client Sample ID: **OAO-8** **York Sample ID:** **23K1171-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 8:46 am	11/16/2023

Sample Information

Client Sample ID: **OAO-1 DUP** **York Sample ID:** **23K1171-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:10 am	11/16/2023

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/m³	0.66	0.959	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 19:28	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.73	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.095	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-LCS-L	ug/m³	0.71	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.0**		ug/m³	0.47	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
106-99-0	1,3-Butadiene	ND	TO-CCV, TO-LCS-L	ug/m³	0.64	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH

Sample Information

Client Sample ID: OAO-1 DUP

York Sample ID: 23K1171-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:10 am	11/16/2023

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
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.959	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 19:28	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.58	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
78-93-3	**2-Butanone**	**1.7**		ug/m³	0.28	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.79	0.959	EPA TO-15 Certifications:	11/27/2023 10:00	11/27/2023 19:28	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
108-10-1	**4-Methyl-2-pentanone**	**0.63**		ug/m³	0.39	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
67-64-1	**Acetone**	**12**		ug/m³	0.46	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.62	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
71-43-2	**Benzene**	**2.1**		ug/m³	0.31	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-25-2	Bromoform	ND		ug/m³	0.99	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
74-83-9	Bromomethane	ND		ug/m³	0.37	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
56-23-5	**Carbon tetrachloride**	**0.42**		ug/m³	0.15	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-00-3	Chloroethane	ND		ug/m³	0.25	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
67-66-3	Chloroform	ND		ug/m³	0.47	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
74-87-3	**Chloromethane**	**1.1**	TO-CCV, TO-LCS-L	ug/m³	0.20	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.095	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH

Sample Information

Client Sample ID: OAO-1 DUP

York Sample ID: 23K1171-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:10 am	11/16/2023

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
110-82-7	**Cyclohexane**	**0.63**		ug/m³	0.33	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.47	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**0.73**		ug/m³	0.69	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.42	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND	TO-LCS -L	ug/m³	1.0	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**4.1**		ug/m³	1.2	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	**Methyl Methacrylate**	**0.86**		ug/m³	0.39	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**0.70**		ug/m³	0.67	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.39	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**2.2**		ug/m³	0.34	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.42	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**3.4**		ug/m³	0.83	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**1.0**		ug/m³	0.47	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications:			
115-07-1	*** Propylene**	**2.7**		ug/m³	0.17	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.41	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications:			
108-88-3	**Toluene**	**4.6**		ug/m³	0.36	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.959	EPA TO-15	11/27/2023 10:00	11/27/2023 19:28	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OAO-1 DUP **York Sample ID:** 23K1171-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Outdoor Ambient Air	November 16, 2023 9:10 am	11/16/2023

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
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.54	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH
75-01-4	Vinyl Chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.12	0.959	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/27/2023 19:28	VH

Sample Information

Client Sample ID: OSV-2 **York Sample ID:** 23K1171-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 11:52 am	11/16/2023

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/m³	2.0	2.867	EPA TO-15 Certifications:	11/27/2023 10:00	11/28/2023 05:51	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.6	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.0	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.6	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.28	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-LCS-L	ug/m³	2.1	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
95-63-6	**1,2,4-Trimethylbenzene**	**6.2**		ug/m³	1.4	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH

Sample Information

Client Sample ID: OSV-2 **York Sample ID:** 23K1171-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 11:52 am	11/16/2023

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
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.7	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.3	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.0	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**		ug/m³	1.4	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
106-99-0	1,3-Butadiene	ND	TO-CCV, TO-LCS-L	ug/m³	1.9	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.7	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.3	2.867	EPA TO-15 Certifications:	11/27/2023 10:00	11/28/2023 05:51	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.7	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
123-91-1	1,4-Dioxane	ND		ug/m³	2.1	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
78-93-3	**2-Butanone**	**15**		ug/m³	0.85	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
591-78-6	* 2-Hexanone	ND		ug/m³	2.3	2.867	EPA TO-15 Certifications:	11/27/2023 10:00	11/28/2023 05:51	VH
107-05-1	3-Chloropropene	ND		ug/m³	4.5	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
108-10-1	**4-Methyl-2-pentanone**	**3.5**		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
67-64-1	**Acetone**	**85**		ug/m³	1.4	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
107-13-1	**Acrylonitrile**	**97**	B	ug/m³	1.9	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
71-43-2	**Benzene**	**1.6**		ug/m³	0.92	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.5	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.9	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-25-2	Bromoform	ND		ug/m³	3.0	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
74-83-9	Bromomethane	ND		ug/m³	1.1	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-15-0	**Carbon disulfide**	**2.1**		ug/m³	0.89	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH

Sample Information

Client Sample ID: OSV-2 **York Sample ID:** 23K1171-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 11:52 am	11/16/2023

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
56-23-5	Carbon tetrachloride	ND		ug/m³	0.45	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
108-90-7	Chlorobenzene	ND		ug/m³	1.3	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-00-3	Chloroethane	ND		ug/m³	0.76	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
67-66-3	**Chloroform**	**7.0**		ug/m³	1.4	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
74-87-3	**Chloromethane**	**1.1**	TO-CCV, TO-LCS-L	ug/m³	0.59	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.28	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.3	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
110-82-7	Cyclohexane	ND		ug/m³	0.99	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
124-48-1	Dibromochloromethane	ND		ug/m³	2.4	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	1.4	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
141-78-6	* Ethyl acetate	ND		ug/m³	2.1	2.867	EPA TO-15 Certifications:	11/27/2023 10:00	11/28/2023 05:51	VH
100-41-4	**Ethyl Benzene**	**3.0**		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
87-68-3	Hexachlorobutadiene	ND	TO-LCS-L	ug/m³	3.1	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
67-63-0	Isopropanol	ND		ug/m³	3.5	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.0	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
75-09-2	Methylene chloride	ND		ug/m³	2.0	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
142-82-5	**n-Heptane**	**1.5**		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
110-54-3	**n-Hexane**	**1.8**		ug/m³	1.0	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
95-47-6	**o-Xylene**	**5.2**		ug/m³	1.2	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
179601-23-1	**p- & m- Xylenes**	**14**		ug/m³	2.5	2.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/27/2023 10:00	11/28/2023 05:51	VH
622-96-8	*** p-Ethyltoluene**	**5.6**		ug/m³	1.4	2.867	EPA TO-15 Certifications:	11/27/2023 10:00	11/28/2023 05:51	VH

Sample Information

Client Sample ID: OSV-2 **York Sample ID:** 23K1171-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K1171	230001 566-568 Grand Street, Brooklyn	Soil Vapor	November 16, 2023 11:52 am	11/16/2023

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
115-07-1	*** Propylene**	**2.9**		ug/m³	0.49	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:			
100-42-5	**Styrene**	**4.0**		ug/m³	1.2	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**41**		ug/m³	1.9	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**4.2**		ug/m³	1.7	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:			
108-88-3	**Toluene**	**7.8**		ug/m³	1.1	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.1	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.3	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.39	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.6	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	1.0	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	1.3	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.37	2.867	EPA TO-15	11/27/2023 10:00	11/28/2023 05:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Analytical Batch Summary

Batch ID: BK31765 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23K1171-15	OAO-8	11/27/23
23K1171-16	OAO-1 DUP	11/27/23
23K1171-17	OSV-2	11/27/23
BK31765-BLK1	Blank	11/27/23
BK31765-BS1	LCS	11/27/23
BK31765-DUP1	Duplicate	11/27/23

Batch ID: BK31766 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23K1171-01	OSV-1	11/20/23
23K1171-02	OSV-3	11/20/23
23K1171-03	OSV-4	11/28/23
23K1171-04	OSV-5	11/28/23
23K1171-05	OSV-6	11/28/23
BK31766-BLK1	Blank	11/08/23
BK31766-BS1	LCS	11/08/23
BK31766-DUP1	Duplicate	11/08/23

Batch ID: BK31953 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23K1171-06	OSV-7	11/29/23
23K1171-07	OSV-8	11/29/23
23K1171-08	OAO-1	11/29/23
23K1171-09	OAO-2	11/29/23
23K1171-10	OAO-3	11/29/23
23K1171-11	OAO-4	11/29/23
23K1171-12	OAO-5	11/29/23
23K1171-13	OAO-6	11/29/23
23K1171-14	OAO-7	11/29/23
BK31953-BLK1	Blank	11/29/23
BK31953-BS1	LCS	11/29/23
BK31953-DUP1	Duplicate	11/29/23

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 BK31765 - EPA TO15 PREP											
Blank (BK31765-BLK1)											Prepared & Analyzed: 11/27/2023
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
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	0.48	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 BK31765 - EPA TO15 PREP											
Blank (BK31765-BLK1)								Prepared & Analyzed: 11/27/2023			
n-Heptane	ND	0.41	ug/m³								
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 (BK31765-BS1)								Prepared & Analyzed: 11/27/2023			
1,1,1,2-Tetrachloroethane	8.61		ppbv	10.0		86.1	70-130				
1,1,1-Trichloroethane	9.53		"	10.0		95.3	70-130				
1,1,2,2-Tetrachloroethane	7.99		"	10.0		79.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	70-130				
1,1,2-Trichloroethane	8.43		"	10.0		84.3	70-130				
1,1-Dichloroethane	8.47		"	10.0		84.7	70-130				
1,1-Dichloroethylene	9.09		"	10.0		90.9	70-130				
1,2,4-Trichlorobenzene	5.61		"	10.0		56.1	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	70-130				
1,2-Dibromoethane	8.48		"	10.0		84.8	70-130				
1,2-Dichlorobenzene	8.82		"	10.0		88.2	70-130				
1,2-Dichloroethane	8.92		"	10.0		89.2	70-130				
1,2-Dichloropropane	8.06		"	10.0		80.6	70-130				
1,2-Dichlorotetrafluoroethane	8.04		"	10.0		80.4	70-130				
1,3,5-Trimethylbenzene	8.77		"	10.0		87.7	70-130				
1,3-Butadiene	4.82		"	10.0		48.2	70-130	Low Bias			
1,3-Dichlorobenzene	7.23		"	10.0		72.3	70-130				
1,3-Dichloropropane	8.14		"	10.0		81.4	70-130				
1,4-Dichlorobenzene	7.08		"	10.0		70.8	70-130				
1,4-Dioxane	7.63		"	10.0		76.3	70-130				
2-Butanone	8.11		"	10.0		81.1	70-130				
2-Hexanone	7.99		"	10.0		79.9	70-130				
3-Chloropropene	9.05		"	10.0		90.5	70-130				
4-Methyl-2-pentanone	8.12		"	10.0		81.2	70-130				
Acetone	8.62		"	10.0		86.2	70-130				
Acrylonitrile	8.27		"	10.0		82.7	70-130				
Benzene	8.88		"	10.0		88.8	70-130				
Benzyl chloride	7.47		"	10.0		74.7	70-130				
Bromodichloromethane	8.61		"	10.0		86.1	70-130				
Bromoform	8.98		"	10.0		89.8	70-130				
Bromomethane	9.05		"	10.0		90.5	70-130				
Carbon disulfide	8.51		"	10.0		85.1	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31765 - EPA TO15 PREP											
LCS (BK31765-BS1)								Prepared & Analyzed: 11/27/2023			
Carbon tetrachloride	10.3		ppbv	10.0		103	70-130				
Chlorobenzene	8.04		"	10.0		80.4	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	8.93		"	10.0		89.3	70-130				
Chloromethane	5.18		"	10.0		51.8	70-130	Low Bias			
cis-1,2-Dichloroethylene	9.04		"	10.0		90.4	70-130				
cis-1,3-Dichloropropylene	8.89		"	10.0		88.9	70-130				
Cyclohexane	9.14		"	10.0		91.4	70-130				
Dibromochloromethane	8.86		"	10.0		88.6	70-130				
Dichlorodifluoromethane	8.46		"	10.0		84.6	70-130				
Ethyl acetate	8.33		"	10.0		83.3	70-130				
Ethyl Benzene	8.36		"	10.0		83.6	70-130				
Hexachlorobutadiene	5.55		"	10.0		55.5	70-130	Low Bias			
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	8.59		"	10.0		85.9	70-130				
Methyl tert-butyl ether (MTBE)	9.56		"	10.0		95.6	70-130				
Methylene chloride	8.25		"	10.0		82.5	70-130				
n-Heptane	9.14		"	10.0		91.4	70-130				
n-Hexane	9.04		"	10.0		90.4	70-130				
o-Xylene	8.68		"	10.0		86.8	70-130				
p- & m- Xylenes	17.2		"	20.0		85.9	70-130				
p-Ethyltoluene	9.02		"	10.0		90.2	70-130				
Propylene	7.91		"	10.0		79.1	70-130				
Styrene	9.09		"	10.0		90.9	70-130				
Tetrachloroethylene	8.59		"	10.0		85.9	70-130				
Tetrahydrofuran	8.37		"	10.0		83.7	70-130				
Toluene	8.17		"	10.0		81.7	70-130				
trans-1,2-Dichloroethylene	8.90		"	10.0		89.0	70-130				
trans-1,3-Dichloropropylene	8.98		"	10.0		89.8	70-130				
Trichloroethylene	8.51		"	10.0		85.1	70-130				
Trichlorofluoromethane (Freon 11)	9.15		"	10.0		91.5	70-130				
Vinyl acetate	7.57		"	10.0		75.7	70-130				
Vinyl bromide	9.22		"	10.0		92.2	70-130				
Vinyl Chloride	4.81		"	10.0		48.1	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 BK31765 - EPA TO15 PREP											
Duplicate (BK31765-DUP1)	*Source sample: 23K1171-17 (OSV-2)								Prepared: 11/27/2023 Analyzed: 11/28/2023		
1,1,1,2-Tetrachloroethane	ND	2.0	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.6	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	2.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.2	"		ND					25	
1,1,2-Trichloroethane	ND	1.6	"		ND					25	
1,1-Dichloroethane	ND	1.2	"		ND					25	
1,1-Dichloroethylene	ND	0.28	"		ND					25	
1,2,4-Trichlorobenzene	ND	2.1	"		ND					25	
1,2,4-Trimethylbenzene	6.3	1.4	"		6.2				2.25	25	
1,2-Dibromoethane	ND	2.2	"		ND					25	
1,2-Dichlorobenzene	ND	1.7	"		ND					25	
1,2-Dichloroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	1.3	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	2.0	"		ND					25	
1,3,5-Trimethylbenzene	2.0	1.4	"		2.0				0.00	25	
1,3-Butadiene	ND	1.9	"		ND					25	
1,3-Dichlorobenzene	ND	1.7	"		ND					25	
1,3-Dichloropropane	ND	1.3	"		ND					25	
1,4-Dichlorobenzene	ND	1.7	"		ND					25	
1,4-Dioxane	ND	2.1	"		ND					25	
2-Butanone	15	0.85	"		15				2.77	25	
2-Hexanone	ND	2.3	"		ND					25	
3-Chloropropene	ND	4.5	"		ND					25	
4-Methyl-2-pentanone	3.6	1.2	"		3.5				3.28	25	
Acetone	87	1.4	"		85				1.58	25	
Acrylonitrile	94	0.62	"		97				3.14	25	
Benzene	1.6	0.92	"		1.6				0.00	25	
Benzyl chloride	ND	1.5	"		ND					25	
Bromodichloromethane	ND	1.9	"		ND					25	
Bromoform	ND	3.0	"		ND					25	
Bromomethane	ND	1.1	"		ND					25	
Carbon disulfide	2.1	0.89	"		2.1				0.00	25	
Carbon tetrachloride	ND	0.45	"		ND					25	
Chlorobenzene	ND	1.3	"		ND					25	
Chloroethane	ND	0.76	"		ND					25	
Chloroform	7.3	1.4	"		7.0				3.92	25	
Chloromethane	0.89	0.59	"		1.1				18.2	25	
cis-1,2-Dichloroethylene	ND	0.28	"		ND					25	
cis-1,3-Dichloropropylene	ND	1.3	"		ND					25	
Cyclohexane	ND	0.99	"		ND					25	
Dibromochloromethane	ND	2.4	"		ND					25	
Dichlorodifluoromethane	2.3	1.4	"		2.1				6.45	25	
Ethyl acetate	ND	2.1	"		ND					25	
Ethyl Benzene	3.1	1.2	"		3.0				4.08	25	
Hexachlorobutadiene	ND	3.1	"		ND					25	
Isopropanol	2.0	1.4	"		2.0				0.00	25	
Methyl Methacrylate	ND	1.2	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	1.0	"		ND					25	
Methylene chloride	ND	2.0	"		ND					25	
n-Heptane	1.4	1.2	"		1.5				8.00	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 BK31765 - EPA TO15 PREP											
Duplicate (BK31765-DUP1)	*Source sample: 23K1171-17 (OSV-2)								Prepared: 11/27/2023 Analyzed: 11/28/2023		
n-Hexane	1.8	1.0	ug/m³		1.8				0.00	25	
o-Xylene	5.2	1.2	"		5.2				0.00	25	
p- & m- Xylenes	14	2.5	"		14				0.897	25	
p-Ethyltoluene	5.6	1.4	"		5.6				0.00	25	
Propylene	3.1	0.49	"		2.9				6.67	25	
Styrene	4.0	1.2	"		4.0				0.00	25	
Tetrachloroethylene	42	1.9	"		41				1.88	25	
Tetrahydrofuran	4.1	1.7	"		4.2				4.08	25	
Toluene	7.8	1.1	"		7.8				0.00	25	
trans-1,2-Dichloroethylene	ND	1.1	"		ND					25	
trans-1,3-Dichloropropylene	ND	1.3	"		ND					25	
Trichloroethylene	ND	0.39	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	1.6	"		ND					25	
Vinyl acetate	ND	1.0	"		ND					25	
Vinyl bromide	ND	1.3	"		ND					25	
Vinyl Chloride	ND	0.37	"		ND					25	
Batch BK31766 - EPA TO15 PREP											
Blank (BK31766-BLK1)									Prepared: 11/08/2023 Analyzed: 11/28/2023		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
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	"								

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 BK31766 - EPA TO15 PREP											
Blank (BK31766-BLK1)											
Prepared: 11/08/2023 Analyzed: 11/28/2023											
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.69	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
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 BK31766 - EPA TO15 PREP											
LCS (BK31766-BS1)								Prepared: 11/08/2023 Analyzed: 11/28/2023			
1,1,1,2-Tetrachloroethane	10.3		ppbv	10.0		103	70-130				
1,1,1-Trichloroethane	10.9		"	10.0		109	70-130				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	70-130				
1,1-Dichloroethane	9.95		"	10.0		99.5	70-130				
1,1-Dichloroethylene	11.2		"	10.0		112	70-130				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70-130				
1,2,4-Trimethylbenzene	11.5		"	10.0		115	70-130				
1,2-Dibromoethane	11.1		"	10.0		111	70-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,2-Dichloroethane	10.2		"	10.0		102	70-130				
1,2-Dichloropropane	10.9		"	10.0		109	70-130				
1,2-Dichlorotetrafluoroethane	10.6		"	10.0		106	70-130				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,3-Butadiene	9.29		"	10.0		92.9	70-130				
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130				
1,3-Dichloropropane	11.0		"	10.0		110	70-130				
1,4-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,4-Dioxane	10.5		"	10.0		105	70-130				
2-Butanone	9.84		"	10.0		98.4	70-130				
2-Hexanone	10.5		"	10.0		105	70-130				
3-Chloropropene	10.1		"	10.0		101	70-130				
4-Methyl-2-pentanone	10.7		"	10.0		107	70-130				
Acetone	9.87		"	10.0		98.7	70-130				
Acrylonitrile	10.0		"	10.0		100	70-130				
Benzene	10.5		"	10.0		105	70-130				
Benzyl chloride	12.9		"	10.0		129	70-130				
Bromodichloromethane	10.9		"	10.0		109	70-130				
Bromoform	6.04		"	10.0		60.4	70-130	Low Bias			
Bromomethane	8.17		"	10.0		81.7	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	10.8		"	10.0		108	70-130				
Chlorobenzene	10.2		"	10.0		102	70-130				
Chloroethane	9.36		"	10.0		93.6	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	9.04		"	10.0		90.4	70-130				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	70-130				
cis-1,3-Dichloropropylene	11.8		"	10.0		118	70-130				
Cyclohexane	11.4		"	10.0		114	70-130				
Dibromochloromethane	9.28		"	10.0		92.8	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	11.0		"	10.0		110	70-130				
Hexachlorobutadiene	9.21		"	10.0		92.1	70-130				
Isopropanol	9.90		"	10.0		99.0	70-130				
Methyl Methacrylate	11.5		"	10.0		115	70-130				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	70-130				
Methylene chloride	9.93		"	10.0		99.3	70-130				
n-Heptane	11.1		"	10.0		111	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 BK31766 - EPA TO15 PREP											
LCS (BK31766-BS1)								Prepared: 11/08/2023 Analyzed: 11/28/2023			
n-Hexane	10.8		ppbv	10.0		108	70-130				
o-Xylene	11.3		"	10.0		113	70-130				
p- & m- Xylenes	22.3		"	20.0		112	70-130				
p-Ethyltoluene	12.0		"	10.0		120	70-130				
Propylene	0.00		"	10.0			70-130	Low Bias			
Styrene	11.9		"	10.0		119	70-130				
Tetrachloroethylene	10.6		"	10.0		106	70-130				
Tetrahydrofuran	10.3		"	10.0		103	70-130				
Toluene	10.7		"	10.0		107	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Trichloroethylene	10.8		"	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	10.6		"	10.0		106	70-130				
Vinyl acetate	8.40		"	10.0		84.0	70-130				
Vinyl bromide	11.3		"	10.0		113	70-130				
Vinyl Chloride	9.59		"	10.0		95.9	70-130				
Duplicate (BK31766-DUP1)	*Source sample: 23K1171-01 (OSV-1)							Prepared: 11/08/2023 Analyzed: 11/28/2023			
1,1,1,2-Tetrachloroethane	ND	1.3	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.0	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1-Dichloroethane	ND	0.74	"		ND					25	
1,1-Dichloroethylene	ND	0.18	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		1.5					25	
1,2,4-Trimethylbenzene	13	0.90	"		13				0.00	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2-Dichloroethane	ND	0.74	"		ND					25	
1,2-Dichloropropane	ND	0.84	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,3,5-Trimethylbenzene	5.7	0.90	"		6.1				6.06	25	
1,3-Butadiene	ND	1.2	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichloropropane	ND	0.84	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,4-Dioxane	ND	1.3	"		ND					25	
2-Butanone	11	0.54	"		11				3.51	25	
2-Hexanone	1.9	1.5	"		1.9				3.92	25	
3-Chloropropene	ND	2.9	"		ND					25	
4-Methyl-2-pentanone	1.8	0.75	"		1.6				8.70	25	
Acetone	55	0.87	"		59				6.80	25	
Acrylonitrile	ND	0.40	"		ND					25	
Benzene	0.64	0.58	"		ND					25	
Benzyl chloride	ND	0.95	"		ND					25	
Bromodichloromethane	ND	1.2	"		ND					25	
Bromoform	ND	1.9	"		ND					25	
Bromomethane	ND	0.71	"		ND					25	
Carbon disulfide	0.80	0.57	"		0.80				0.00	25	
Carbon tetrachloride	0.34	0.29	"		0.34				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 BK31766 - EPA TO15 PREP											
Duplicate (BK31766-DUP1)	*Source sample: 23K1171-01 (OSV-1)								Prepared: 11/08/2023 Analyzed: 11/28/2023		
Chlorobenzene	ND	0.84	ug/m³		ND					25	
Chloroethane	ND	0.48	"		ND					25	
Chloroform	44	0.89	"		44				0.00	25	
Chloromethane	ND	0.38	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.18	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.83	"		ND					25	
Cyclohexane	ND	0.63	"		ND					25	
Dibromochloromethane	ND	1.6	"		ND					25	
Dichlorodifluoromethane	2.6	0.90	"		2.5				3.51	25	
Ethyl acetate	ND	1.3	"		ND					25	
Ethyl Benzene	5.6	0.79	"		5.4				4.32	25	
Hexachlorobutadiene	ND	1.9	"		ND					25	
Isopropanol	1.9	0.90	"		2.2				11.0	25	
Methyl Methacrylate	1.3	0.75	"		1.2				6.06	25	
Methyl tert-butyl ether (MTBE)	ND	0.66	"		ND					25	
Methylene chloride	ND	1.3	"		ND					25	
n-Heptane	ND	0.75	"		ND					25	
n-Hexane	ND	0.64	"		ND					25	
o-Xylene	13	0.79	"		12				3.15	25	
p- & m- Xylenes	33	1.6	"		32				3.17	25	
p-Ethyltoluene	12	0.90	"		12				4.48	25	
Propylene	2.1	0.31	"		2.0				3.03	25	
Styrene	6.2	0.78	"		6.1				1.26	25	
Tetrachloroethylene	86	1.2	"		84				3.50	25	
Tetrahydrofuran	2.5	1.1	"		2.4				2.20	25	
Toluene	11	0.69	"		10				4.00	25	
trans-1,2-Dichloroethylene	ND	0.72	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.83	"		ND					25	
Trichloroethylene	0.49	0.25	"		0.39				22.2	25	
Trichlorofluoromethane (Freon 11)	1.4	1.0	"		1.5				6.90	25	
Vinyl acetate	ND	0.64	"		ND					25	
Vinyl bromide	ND	0.80	"		ND					25	
Vinyl Chloride	ND	0.23	"		ND					25	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31953 - EPA TO15 PREP											
Blank (BK31953-BLK1)											Prepared & Analyzed: 11/29/2023
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
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	0.81	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31953 - EPA TO15 PREP											
Blank (BK31953-BLK1)								Prepared & Analyzed: 11/29/2023			
n-Hexane	ND	0.35	ug/m³								
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 (BK31953-BS1)								Prepared & Analyzed: 11/29/2023			
1,1,1,2-Tetrachloroethane	10.1		ppbv	10.0		101	70-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	70-130				
1,1,2-Trichloroethane	10.6		"	10.0		106	70-130				
1,1-Dichloroethane	9.92		"	10.0		99.2	70-130				
1,1-Dichloroethylene	10.7		"	10.0		107	70-130				
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70-130				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,2-Dibromoethane	10.7		"	10.0		107	70-130				
1,2-Dichlorobenzene	9.95		"	10.0		99.5	70-130				
1,2-Dichloroethane	9.85		"	10.0		98.5	70-130				
1,2-Dichloropropane	10.4		"	10.0		104	70-130				
1,2-Dichlorotetrafluoroethane	10.7		"	10.0		107	70-130				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70-130				
1,3-Butadiene	10.1		"	10.0		101	70-130				
1,3-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,3-Dichloropropane	10.6		"	10.0		106	70-130				
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,4-Dioxane	9.99		"	10.0		99.9	70-130				
2-Butanone	9.62		"	10.0		96.2	70-130				
2-Hexanone	9.76		"	10.0		97.6	70-130				
3-Chloropropene	10.2		"	10.0		102	70-130				
4-Methyl-2-pentanone	10.4		"	10.0		104	70-130				
Acetone	9.55		"	10.0		95.5	70-130				
Acrylonitrile	9.87		"	10.0		98.7	70-130				
Benzene	10.3		"	10.0		103	70-130				
Benzyl chloride	12.6		"	10.0		126	70-130				
Bromodichloromethane	10.4		"	10.0		104	70-130				
Bromoform	5.91		"	10.0		59.1	70-130	Low Bias			
Bromomethane	11.1		"	10.0		111	70-130				
Carbon disulfide	10.0		"	10.0		100	70-130				
Carbon tetrachloride	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 BK31953 - EPA TO15 PREP											
LCS (BK31953-BS1)								Prepared & Analyzed: 11/29/2023			
Chlorobenzene	9.83		ppbv	10.0		98.3	70-130				
Chloroethane	10.5		"	10.0		105	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	9.36		"	10.0		93.6	70-130				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130				
Cyclohexane	11.1		"	10.0		111	70-130				
Dibromochloromethane	9.15		"	10.0		91.5	70-130				
Dichlorodifluoromethane	10.2		"	10.0		102	70-130				
Ethyl acetate	9.95		"	10.0		99.5	70-130				
Ethyl Benzene	10.6		"	10.0		106	70-130				
Hexachlorobutadiene	8.65		"	10.0		86.5	70-130				
Isopropanol	9.69		"	10.0		96.9	70-130				
Methyl Methacrylate	10.9		"	10.0		109	70-130				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	70-130				
Methylene chloride	9.59		"	10.0		95.9	70-130				
n-Heptane	10.8		"	10.0		108	70-130				
n-Hexane	10.6		"	10.0		106	70-130				
o-Xylene	10.9		"	10.0		109	70-130				
p- & m- Xylenes	21.3		"	20.0		106	70-130				
p-Ethyltoluene	11.3		"	10.0		113	70-130				
Propylene	8.91		"	10.0		89.1	70-130				
Styrene	11.3		"	10.0		113	70-130				
Tetrachloroethylene	10.1		"	10.0		101	70-130				
Tetrahydrofuran	9.89		"	10.0		98.9	70-130				
Toluene	10.3		"	10.0		103	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Trichloroethylene	10.3		"	10.0		103	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130				
Vinyl acetate	9.13		"	10.0		91.3	70-130				
Vinyl bromide	11.1		"	10.0		111	70-130				
Vinyl Chloride	10.3		"	10.0		103	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 BK31953 - EPA TO15 PREP											
Duplicate (BK31953-DUP1)	*Source sample: 23K1171-06 (OSV-7)								Prepared & Analyzed: 11/29/2023		
1,1,1,2-Tetrachloroethane	ND	1.3	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.0	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1-Dichloroethane	ND	0.75	"		ND					25	
1,1-Dichloroethylene	ND	0.18	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND					25	
1,2,4-Trimethylbenzene	9.7	0.91	"		9.4				3.81	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2-Dichloroethane	ND	0.75	"		ND					25	
1,2-Dichloropropane	ND	0.85	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,3,5-Trimethylbenzene	3.3	0.91	"		3.3				0.00	25	
1,3-Butadiene	2.0	1.2	"		2.4				14.8	25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichloropropane	ND	0.85	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,4-Dioxane	ND	1.3	"		ND					25	
2-Butanone	17	0.54	"		17				2.88	25	
2-Hexanone	6.1	1.5	"		5.2				16.0	25	
3-Chloropropene	ND	2.9	"		ND					25	
4-Methyl-2-pentanone	3.9	0.76	"		2.3				51.9	25	Non-dir.
Acetone	77	0.88	"		76				1.38	25	
Acrylonitrile	7.0	0.40	"		8.1				14.4	25	
Benzene	10	0.59	"		10				0.00	25	
Benzyl chloride	ND	0.96	"		ND					25	
Bromodichloromethane	ND	1.2	"		ND					25	
Bromoform	ND	1.9	"		ND					25	
Bromomethane	ND	0.72	"		ND					25	
Carbon disulfide	65	0.58	"		65				0.177	25	
Carbon tetrachloride	0.46	0.29	"		0.46				0.00	25	
Chlorobenzene	ND	0.85	"		ND					25	
Chloroethane	1.7	0.49	"		1.8				8.45	25	
Chloroform	20	0.90	"		20				0.913	25	
Chloromethane	0.65	0.38	"		0.69				5.71	25	
cis-1,2-Dichloroethylene	ND	0.18	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.84	"		ND					25	
Cyclohexane	17	0.64	"		16				3.13	25	
Dibromochloromethane	ND	1.6	"		ND					25	
Dichlorodifluoromethane	2.6	0.91	"		2.6				0.00	25	
Ethyl acetate	ND	1.3	"		ND					25	
Ethyl Benzene	7.0	0.80	"		6.7				3.51	25	
Hexachlorobutadiene	ND	2.0	"		ND					25	
Isopropanol	3.5	0.91	"		5.2				38.3	25	Non-dir.
Methyl Methacrylate	ND	0.76	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.67	"		ND					25	
Methylene chloride	4.7	1.3	"		4.6				4.14	25	
n-Heptane	13	0.76	"		13				0.601	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 BK31953 - EPA TO15 PREP											
Duplicate (BK31953-DUP1)	*Source sample: 23K1171-06 (OSV-7)								Prepared & Analyzed: 11/29/2023		
n-Hexane	44	0.65	ug/m³		43				0.897	25	
o-Xylene	10	0.80	"		10				3.92	25	
p- & m- Xylenes	31	1.6	"		30				2.91	25	
p-Ethyltoluene	10	0.91	"		9.7				6.33	25	
Propylene	42	0.32	"		42				1.07	25	
Styrene	12	0.79	"		11				2.74	25	
Tetrachloroethylene	200	1.3	"		190				1.85	25	
Tetrahydrofuran	5.2	1.1	"		5.0				4.26	25	
Toluene	23	0.70	"		23				1.20	25	
trans-1,2-Dichloroethylene	ND	0.73	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.84	"		ND					25	
Trichloroethylene	1.4	0.25	"		1.3				7.41	25	
Trichlorofluoromethane (Freon 11)	1.7	1.0	"		1.6				6.45	25	
Vinyl acetate	ND	0.65	"		ND					25	
Vinyl bromide	ND	0.81	"		ND					25	
Vinyl Chloride	ND	0.24	"		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.

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

Field Chain-of-Custody Record-AIR

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

York Project No. 23K1171

YOUR Information/Report To:		Invoice To:		YOUR Project Number	Turn-Around Time
Company:	HydroTech Environmental Engineering and Geology, DPC	Company:	HydroTech Environmental Engineering and Geology, DPC	230001	Rush - Next Day
Address:	231 West 29th Street, Suite 1104, New York, NY 10001	Address:	231 West 29th Street, Suite 1104, New York, NY 10001		Rush - Two Day
				YOUR Project Name	Rush - Three Day
Phone:	631-462-5866	Phone:	631-462-5866	566-568 Grand Street, Brooklyn	Rush - Four Day
Contact:	Ruijie Xu	Contact:	Anna Maria Guerierri		Standard (5-7 Day)
E-mail:	rxu@hydrotechenvironmental.com	E-mail:	aguerierri@hydrotechenvironmental.com	YOUR PO#: 53041	

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) Ruijie Xu (Sign) [signature]

Certified Canisters: Batch ___ Individual ___

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			York Reg. Comp.
AI-Indoor Amb. Air	New York	Summary Report	CT RCP	Standard Excel EDD	Compare to the following Regulation(s):
AO-Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE-Vapor Ext. Well/ Process	Connecticut	NY ASP A Package	NJDEP Reduced Del.	NYSDEC EQuIS	NYSDOH Background
Gas/Effluent	Pennsylvania Other	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	Standards - Indoor Air
AS-Soil Vap./Sub-Slab	Other	Other:			(25th - 75th Pctl)

Please enter the following REQUIRED Field Data

Reporting Units: ug/m3 ✓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
OSV-1	11/16/2023 @ 9:07	AS	-30	-9	10045	7081	TO-15
~~OSV-2~~	@ 9:01		-30		42994	19398	
OSV-3	@ 8:37		-30	-10	43006	7422	
OSV-4	@ 8:51		-30	-9	43006	12190	
OSV-5	@ 8:55		-30	-7	37785	19303	
OSV-6	@ 8:58		-30	-12	28844 ~~[illegible]~~	6819 ~~[illegible]~~	
OSV-7	@ 8:42		-30	-8	48325	17982	
OSV-8	@ 8:45		-30	-10	48304	16415	
OAO-1	@ 9:08	AO	-30	-10	36999	19434	
OAO-2	@ 9:02		-30	-7	20665	4868	

Comments: The sample "OSV-2" in canister 42994 should be abandoned as the tubing might be clogged at the beginning and not much vapor sample were collected after 2 hours.

Detection Limits Required		Sampling Media
≤ 1 ug/m³	NYSDEC V	6 Liter Canister
Routine Survey	Other___	Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Comp	Date/Time
[signature]	11/16/23 @ 16:39	Ramon [signature]	11/16 16:41	Ramon York	11/16
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[signature]	11/16/23 1750

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
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Field Chain-of-Custody Record-AIR

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York Project No. _____

YOUR Information/Report To:			Invoice To:		
Company:	HydroTech Environmental Engineering and Geology, DPC	Company:	HydroTech Environmental Engineering and Geology, DPC	YOUR Project Number: 230001	Turn-Around Time: Rush - Next Day / Rush - Two Day / Rush - Three Day / Rush - Four Day / Standard (5-7 Day)
Address:	231 West 29th Street, Suite 1104, New York, NY 10001	Address:	231 West 29th Street, Suite 1104, New York, NY 10001	YOUR Project Name: 566-568 Grand Street, Brooklyn	
Phone:	631-462-5866	Phone:	631-462-5866		
Contact:	Ruijie Xu	Contact:	Anna Maria Guerierri		
E-mail:	rxu@hydrotechenvironmental.com	E-mail:	aguerierri@hydrotechenvironmental.com	YOUR PO#: 53041	

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) Ruijie Xu (Sign)

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			York Reg. Comp.
AI-Indoor Amb. Air	New York	~~Summary Report~~	CT RCP	Standard Excel EDD	Compare to the following Regulation(s):
AO-Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE-Vapor Ext. Well/ Process	Connecticut	NY ASP A Package	NJDEP Reduced Del.	NYSDEC EQuIS	NYSDOH Background Standards - Indoor Air (25th - 75th Pctl)
Gas/Effluent	Pennsylvania Other	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
AS-Soil Vap./Sub-Slab	Other	Other:			

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m3 ✓ 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
OAO-3	11/16/2023 @ 8:38	AO	-30	-8	4830Z	16420	TO-15
OAO-4	@ 8:50		-30	-8	18317	17988	
OAO-5	@ 8:56		-30	-8	28306	17192	
OAO-6	@ 8:59		-30	-6	41932	5417	
OAO-7	@ 8:41		-30	-9	10014	6873	
OAO-8	@ 8:46		-30	-7	23990	19436	
OAO-1 DUP	@ 9:10		-30	-8	36994	7084	
OSV-2	@ 11:52	SV	-29	-15	48317	19402	

Comments:

Detection Limits Required		Sampling Media
≤ 1 ug/m³	NYSDEC V	6 Liter Canister
Routine Survey ___	Other ___	Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Comp	Date/Time
	11/16/23 @ 16:39	Raman Kwik	11/16 1641	Raman Kwik	11/16
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
					11/16/23 1750

Appendix D: Data Usability Summary Report