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March 07, 2025

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Attn.: Mr. Wendi Zheng, Project Manager

Re: IRM SSDS Monitoring Report 2022-2025
152 Graham Avenue, Brooklyn, NY
NYSBCP Site #C224208

Dear Ms. Zheng:

This submittal is intended to serve as a periodic monitoring report of the active Sub-Slab Depressurization system (SSDS) installed at the above-referenced New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site as an Interim Remedial Measure (IRM).

Currently, the Site consists of a three-story mixed-use commercial and residential building with a partial basement and a ground floor that extends toward a rear yard with a 1-story structure over a slab on-grade. The remaining western portion of the Site consists of an open rear yard. The Site is currently occupied on the ground floor and the partial basement by Bushwick Green Cleaners, an eco-friendly and non-toxic dry cleaner, and on the upper second and third floors by four residential tenants. The ground floor and the partial basement of the building was historically occupied by a dry cleaner identified as Top Hat Cleaners. Top Hat Cleaners is listed as the Participant in the Brownfield Cleanup Program as Site #C224208.

This SSDS monitoring report was prepared for the reporting period extending from July 2022 through February 2025 pursuant to the Operation and Maintenance (O&M) of the SSDS, as required in the NYSDEC-approved IRM Construction Completion Report (CCR), dated September 10, 2021 and also per NYSDEC correspondences dated October 20, 2022 and January 30, 2023. This work involved the monitoring and inspection of the active SSDS during February 2025 following a pause of these activities since July 2022 due to a delayed start of Site Remedial Action as a result of budget deficit to carry on these activities by the Applicant.

Consistent with the January 2023 NYSDEC correspondence, indoor air sampling was performed during the 2024-2025 heating season inside the building following the implementation of green remediation measures during March and May 2023 to enhance the function of the active SSDS. These measures consisted of installing carbon filtration units inside the residential apartments to reduce tetrachloroethene (PCE) and trichloroethene (TCE) concentrations in indoor air and the insulation of the partial basement space by plastering with cement all penetrations in the foundations stone walls and the installation of a 2-inch concrete slab atop of a 20-mil vapor

barrier membrane the to seal cracks in the existing 3-inch building slab that was in poor condition. **Attachment 1** provides NYSDEC correspondences.

SSDS Monitoring

The monitoring event of the active SSDS covered in this report was performed on February 14, 2025. During this event, a HydroTech Qualified Environmental Professional under the oversight of the Remedial Engineer inspected the system for proper functioning in accordance with the SSDS O&M Plan in the September 2021 IRM CCR. The active SSDS vacuum monitoring components include the vacuum alarm, VaporTrac telemetry system, the Dwyer Magnehelic gauge, two individual U-Tube vacuum gauges mounted on the riser pipe from SSDS-1/SSDS-2 and SSDS-3, a Radonaway GP 501 series fan and four sub-slab vacuum monitoring points designated as VP-1 through VP-4. **Figure 1** and **Figure 2** provide the as-build plans of the SSDS components.

Visual observation of the active SSDS indicated that all its components are functioning properly. System parameters including the negative pressure and organic vapor concentrations were monitored at the system effluents for SSD-1, SSDS 2 and SSDS-3. Organic vapors were measured at the effluent of the SSDS utilizing a Photoionization detector (PID). The vacuum at the sub-slab monitoring points was measured utilizing a TSI Almor EBT730 Manometer. The inspection of the telemetry system indicated the VaporTrac unit was turned on, but there was no evidence the Vaportrac wireless connection was activate. **Attachment 2** provides photographs of the fieldwork.

Table 1 provides the SSDS monitoring data collected over-time since system start-up in February 2021. As **Table 1** indicates, no discernable organic vapors were detected with the PID at the SSDS effluent. The vacuum readings at the Dwyer Magnehelic gauge at the suction fan recorded -1.0 inches H_2O. The vacuum at the individual U-Tube gauges at the riser pipes from SSDS-1/SSDS-2 and SSDS-3 recorded -1.2 inches H_2O and -2.6 inches H_2O, respectively. The negative pressure was measured at the three sub-slab vacuum monitoring points VP-1, VP-3, and VP-4 at -0.02 inches H_2O, -0.04 inches H_2O, and -0.20 inches H_2O, respectively. The sub-slab vacuum monitoring point VP-2 could not be located during this monitoring event, and it was deemed to be destroyed during the previous installation of the vapor barrier and the new slab in the partial basement.

Overall assessment of the most recent SSDS monitoring data indicates a slight increase in the sub-slab vacuum communication as evidenced by the vacuum measurements at VP-1, VP-3, and VP-4. This increase in the negative pressure beneath the building slab is likely the result of the installed green remediation measures to reinforce the SSDS function beneath the building. Although no vacuum measurements were obtained at VP-2, the improved negative pressure at VP-1, VP-3 and VP-4 reflects a satisfactory radius of influence of the SSDS beneath the building. No physical deficiencies such as damaged SSDS riser pipes or joints, or alterations in building slab were identified during the inspection of the SSDS that would alter the system performance. Fine cracks were observed in the new 2-inch slab in the partial basement. These fine cracks are

unlikely to represent a risk for soil vapor intrusion since the migration of soil vapors inside the building is prevented by the 20-mil vapor barrier installed under this slab and also by the active SSDS. **Attachment 3** provides the SSDS Inspection checklist.

Indoor Air and Effluent Samples Analytical Results

An indoor air assessment was performed on February 14, 2025 inside the occupied commercial and residential building at the Site during the 2024-2025 heating season. This indoor air sampling was initially requested to be performed quarterly in NYSDEC correspondence dated October 2022 following their review of the former 2022 SSDS periodic monitoring report (previously referred to as Annual Periodic Review Report 2021-2022). NYSDEC then reiterated in their January 2023 correspondence the requirements to perform this quarterly indoor air sampling following the implementation of green remediation measures to improve the SSDS effectiveness and reduce PCE and TCE concentrations in indoor air. This indoor air sampling was delayed until February 2025, due to a budget deficit to carry on these activities by the Applicant.

The February 2025 indoor air assessment was completed in accordance with NYSDEC-approved O&M in the September 2021 IRM CCR. The purpose of this sampling was to monitor any reduction in the indoor air concentrations of (PCE) and (TCE) following the placement of air filters inside the residential units and the implementation of green remediation measures to enhance the function of the SSDS. Consistent with the protocol of previous indoor air assessments performed at the Site, four indoor air samples designated IA-7 through IA-10 were collected recently inside each floor of the building including the basement along with one (1) outdoor air sample designated OA-2. In addition, one (1) exhaust effluent sample designated EE-1 was also collected. **Figure 3** provides the indoor/outdoor air and SSDS effluent sampling map.

The ambient air sampling was conducted in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The indoor and outdoor air samples were obtained from typical breathing zone height during normal operation hours at the dry cleaners. The effluent air sample was collected by connecting the canister to the effluent from the suction fan. All samples were collected utilizing 6-liter Summa Canisters fitted with a 6-hour laboratory flow regulator and the sampling occurred for six hours. Immediately after opening the Summa Canister, the initial vacuum (inches of mercury) and start time were recorded. After 6 hours of sampling, the Summa Canister was closed and the final vacuum and stop time were noted. The Summa Canisters were labeled and sent to a laboratory certified to perform air analysis in New York State. A supporting chain of custody was prepared following the completion of all sampling activities. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control

Prior to the indoor air sampling, a pre-sampling inspection was conducted across each sampling location in accordance with the NYSDOH Indoor Air Sampling and Analysis Guidance dated February 2005. The inspection also included a product inventory of chemicals currently stored

inside the buildings and a preliminary screening of indoor organic vapor concentrations utilizing PID. No evidence of odor and no organic vapors (<0.1 ppm) were detected with the PID. The inspection identified numerous factory-sealed and used containers labelled as detergent and eco-friendly and non-toxic dry cleaner agents inside the dry cleaners on the ground floor. The average indoor air temperature was approximately 64 degrees Fahrenheit. Due to frequent entry and exit of customers in the drycleaner, this sampling area was not considered fully tight on the ground floor level. All apartments had their windows and doors closed and were considered air tight.

Table 2 provides the VOCs detected in the indoor air and outdoor air samples and the SSDS effluent sample over time. As **Table 2** indicates, PCE was commonly detected in the indoor air collected in the partial basement and inside the ground floor dry cleaner as well as inside two residential apartments on the upper second and third floors. PCE was detected at trace concentrations inside the partial basement and the ground floor compared to the maximum reported values during the last sampling event in February 2022. This is evidenced by the PCE concentration detected in IA-7 in the partial basement, which recently decreased to 2.9 $\mu g/m^3$ from a maximum of 21 $\mu g/m^3$ detected during February 2022. PCE concentration detected in IA-8 on the ground floor also decreased to 4.5 $\mu g/m^3$ from a maximum of 10 $\mu g/m^3$ reported during February 2022. The upper residential floors' PCE concentrations were detected recently at 1.7 $\mu g/m^3$ in IA-8 on the second floor and at 1.9 in IA-10 on the third floor and these levels also represent a slight decrease from the previous sampling event during February 2022. None of the detected indoor PCE concentrations exceeded its respective NYSDOH indoor Air Guidance Value (AGV) of 30 $\mu g/m^3$.

No TCE was detected in any indoor samples collected at the Site as evidenced by the results of IA-7 to IA-10. This represents a significant improvement in the indoor air quality at the Site compared to previous indoor air sampling in April 2021 and in February 2022, which commonly showed TCE concentrations in IA-7 to IA-10 exceeding its respective AGV of 2 µg.

SSDS effluent sample analytical results indicated that both PCE and TCE were detected at concentrations of 5,000 $\mu g/m^3$ and 38 $\mu g/m^3$, respectively. These recent soil vapors concentrations of PCE and TCE are the highest since the effluent sampling performed in April 2021 and in February 2022.

Overall findings of this investigation, indicates of the indoor air quality at the Site has improved as evidenced by the non-detection of TCE in indoor samples IA-7 to IA-10 and the significant decreased of PCE concentration in these samples. This improved indoor air quality is likely the results of the green remediation measures implemented at the site during March - May 2023, which consisted of installing of carbon filtration units inside the residential apartments, sealing of the foundations stone walls in the partial basement with cement plastering and sealing the cracks in partial basement slab with a 2-inch concrete slab on top of a 20-mil vapor barrier membrane. Sealing the points of entry of soil vapors inside the partial basement has lead to a decreased intrusion of PCE and TCE vapors inside the building, buttheir concentrations have

increased under the building slab as evidenced by the highest PCE and TCE concentrations detected in the recent effluent sample EE-1.

The February 2025 ambient air data and SSDS effluent data was submitted electronically to the NYSDEC through the Environmental Information Management System using the NYSDEC standardized Electronic Data Deliverable format. In addition, a Data Usability Summary Report (DUSR) was prepared for the February 2025 indoor and outdoor air analytical results by an independent data reviewer. The results of the DUSR indicate that this data is acceptable, with minor issues in data summaries. All data was considered usable.

Figure 4 provides a spider map of chlorinated VOCs detected in ambient air samples and the SSDS effluent sample over time. **Attachment 4** provides the laboratory report. **Attachment 5** provides the DUSR report. **Attachment 6** provides NYSDOH questionnaire.

Conclusions and Recommendations

The active SSDS at the Site continues to operate properly by providing satisfactory negative pressure across the building slab at the Site. The overall indoor air quality inside the building at the Site has improved following the implementation of the green remediation measures in the partial basement and the installation of carbon filtration units inside the residential apartments. This is evidenced by the recent non-detection of TCE in indoor air inside the building and also by the trace detection of PCE concentrations inside the partial basement and the ground floor. As a result of sealing the points of entry of soil vapors inside the partial basement, the concentrations of PCE and TCE detected in soil vapors analyzed in the SSDS effluent sample have increased to their highest levels. As a result of the peak concentration of PCE detected in soil vapors, PCE continues to exceed the mitigate category of the May 2017 NYSDOH Decision Matrix B for PCE, which should be addressed during the upcoming installation of a soil vapor extraction (SVE) system as part of NYSDEC-approved remedial action for this Site.

Should you have any questions, please feel free to contact our office at your convenience.

Sincerely,
HydroTech Environmental Engineering and Geology, DPC

Paul I. Matli, PhD, PG
Senior Project Manager

cc: Jane H. O'Connell, PG (NYSDEC) (by email), w/ Enc.
Cris-Sandra Maycock (NYSDOH) (by email) , w/ Enc.
Reina Diaz, Top Hat Cleaners, w/ Enc.
Tarek Z. Khouri, PE (HydroTech), w/ Enc.
HydroTech file 200052, 240052 w / Enc.

LIST OF ATTACHMENTS

Tables

Figures

Attachments

TABLES

Table 1
SSDS Monitoring Results Over Time
152 Graham Avenue, Brooklyn, NY

	SSDS Effluent		Vacuum at SSDS Risers		Vacuum Monitoring Points			
Date/Time	PID	Vacuum	SSDS-1 and SSDS-2	SSDS-3	VP-1	VP-2	VP-3	VP-4
2/19/2021 9:30AM	0.1	-2	-1.8	-1.9	-0.01	-0.01	-0.01	-0.01
4/2/2021 9:30AM	0.1	-2	-1.8	-1.9	-0.01	-0.01	-0.01	-0.01
7/22/2021 9:30AM	1.5	-1.5	-2	-2	-0.01	-0.02	-0.02	-0.01
10/20/2021 8:45 AM	0.6	-1.5	-2	-2	-0.01	-0.03	-0.04	-0.01
2/11/2022 10:30AM	0.4	-1.4	-2	-2	-0.01	-0.03	-0.02	-0.01
6/2/2022 11:30AM	0.1	-2.4	-2.8	-2	-0.01	-0.04	-0.02	-0.01
2/14/2025 9:30AM	0.8	-1	-1.2	-2.6	-0.02	~	-0.04	-0.2

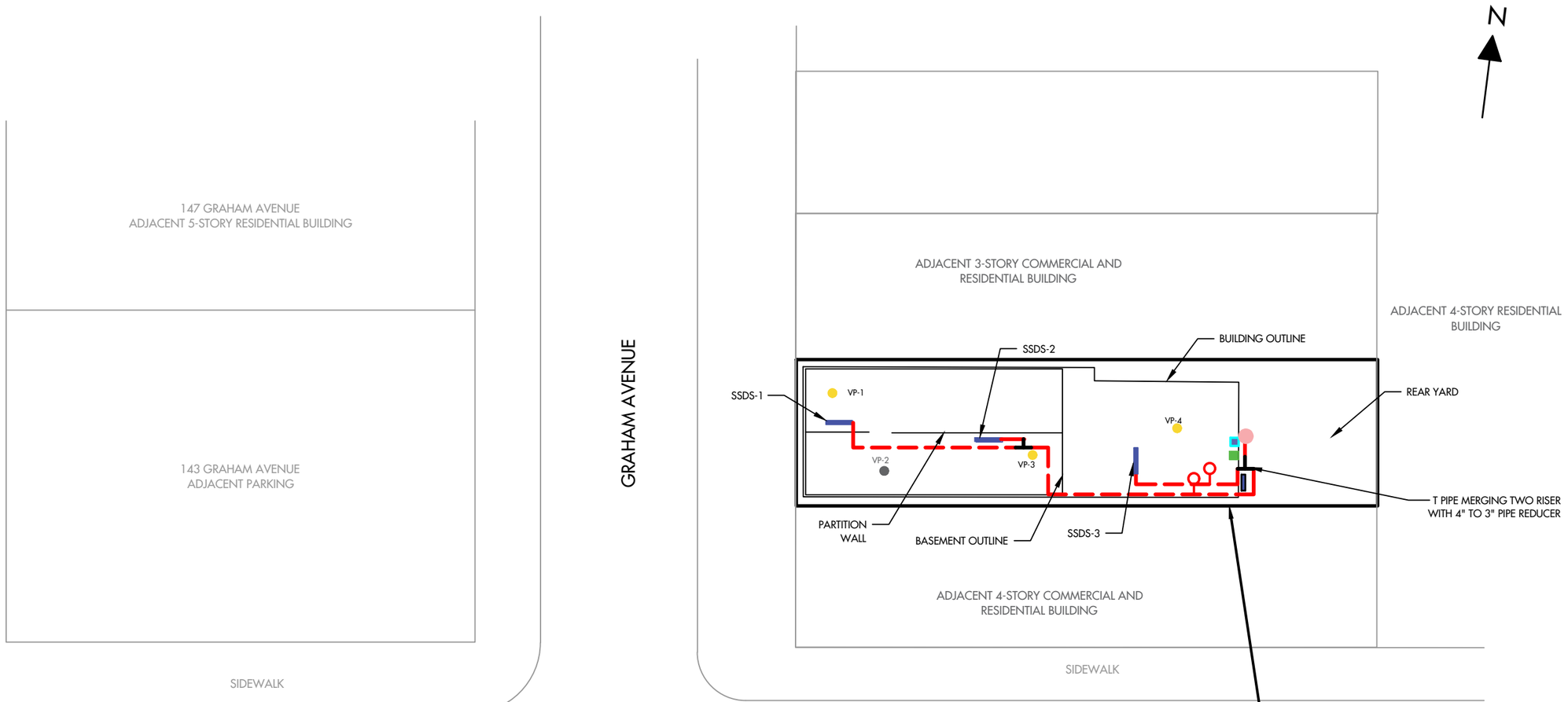
PID---ppm
Vacuum---Inch Water
Flow…CFM
NM…Not measured
~… Vacuum monitoring point no longer present

Table 2
Ambient Air and SSDS Effluent Samples Analytical Results for VOCs Over Time
152 Graham Avenue, Brooklyn, NY

Sample ID	IA-7			IA-8			IA-9			IA-10			OA-2			EE-1		
Sampling Date	4/2/2021	2/11/2022	2/14/2025	4/2/2021	2/11/2022	2/14/2025	4/2/2021	2/11/2022	2/14/2025	4/2/2021	2/11/2022	2/14/2025	4/2/2021	2/11/2022	2/14/2025	4/2/2021	2/11/2022	2/14/2025
Client Matrix	Indoor Air			Indoor Air			Indoor Air			Indoor Air			Outdoor Air			SSDS Exhaust Air		
Compound	Result	Result	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	ug/m3 Q
1,1,1,2-Tetrachloroethane	1.300 U	0.630 U	0.690 U	0.880 U	0.730 U	0.680 U	0.780 U	0.760 U	0.660 U	0.730 U	0.840 U	0.720 U	0.700 U	1.400 U	0.610 U	0.730 U	14 U	4.90 U
1,1,1-Trichloroethane	1 U	0.500 U	0.550 U	0.700 U	0.580 U	0.540 U	0.620 U	0.600 U	0.530 U	0.580 U	0.670 U	0.570 U	0.560 U	1.100 U	0.480 U	0.580 U	12 U	3.90 U
1,1,2,2-Tetrachloroethane	1.300 U	0.630 U	0.690 U	0.880 U	0.730 U	0.680 U	0.780 U	0.760 U	0.660 U	0.730 U	0.840 U	0.720 U	0.700 U	1.400 U	0.610 U	0.730 U	14 U	4.90 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.500 U	0.700 U	0.770 U	0.980 U	0.820 U	0.760 U	0.870 U	0.850 U	0.740 U	0.810 U	0.940 U	0.810 U	0.780 U	1.500 U	0.680 U	0.820 U	16 U	5.40 U
1,1,2-Trichloroethane	1 U	0.500 U	0.550 U	0.700 U	0.580 U	0.540 U	0.620 U	0.600 U	0.530 U	0.580 U	0.670 U	0.570 U	0.560 U	1.100 U	0.480 U	0.580 U	12 U	3.90 U
1,1-Dichloroethane	0.770 U	0.370 U	0.410 U	0.520 U	0.430 U	0.400 U	0.460 U	0.450 U	0.390 U	0.430 U	0.500 U	0.430 U	0.410 U	0.800 U	0.360 U	0.430 U	8.500 U	2.90 U
1,1-Dichloroethylene	0.190 U	0.0900 U	0.100 U	0.130 U	0.110 U	0.098 U	0.110 U	0.110 U	0.096 U	0.100 U	0.120 U	0.100 U	0.100 U	0.200 U	0.088 U	0.110 U	2.100 U	0.70 U
1,2,4-Trichlorobenzene	1.400 U	0.680 U	0.750 U	0.950 U	0.790 U	0.730 U	0.850 U	0.820 U	0.720 U	0.790 U	0.910 U	0.780 U	0.760 U	1.500 U	0.660 U	0.790 U	16 U	5.30 U
1,2,4-Trimethylbenzene	**0.93** D	**1.20** D	**7.60** D	0.630 U	**0.63** D	**33.0** D	**0.56** J	**0.54** J	**4.80** D	**0.52** J	**0.90** D	**6.30** D	**0.65** D	**0.97** J	0.440 U	**25** D	10 U	3.50 U
1,2-Dibromoethane	1.500 U	0.700 U	0.770 U	0.980 U	0.820 U	0.760 U	0.880 U	0.850 U	0.740 U	0.810 U	0.940 U	0.810 U	0.780 U	1.500 U	0.680 U	0.820 U	16 U	5.40 U
1,2-Dichlorobenzene	1.100 U	0.550 U	0.610 U	0.770 U	0.640 U	0.590 U	0.690 U	0.670 U	0.580 U	0.640 U	0.740 U	0.630 U	0.610 U	1.200 U	0.530 U	0.640 U	13 U	4.30 U
1,2-Dichloroethane	0.770 U	0.370 U	0.410 U	0.520 U	0.430 U	0.400 U	0.460 U	0.450 U	0.390 U	0.430 U	0.500 U	0.430 U	0.410 U	0.800 U	0.360 U	0.430 U	8.500 U	2.90 U
1,2-Dichloropropane	0.880 U	0.420 U	0.470 U	0.590 U	0.490 U	0.460 U	0.530 U	0.510 U	0.450 U	0.490 U	0.570 U	0.490 U	0.470 U	0.920 U	0.410 U	0.490 U	9.800 U	3.30 U
1,2-Dichlorotetrafluoroethane	1.300 U	0.640 U	0.700 U	0.890 U	0.750 U	0.690 U	0.800 U	0.770 U	0.670 U	0.740 U	0.860 U	0.740 U	0.710 U	1.400 U	0.620 U	0.750 U	15 U	5 U
1,3,5-Trimethylbenzene	0.930 U	**0.45** J	**2.50** D	0.630 U	0.530 U	**9.80** D	0.560 U	**0.60** D	**1.30** D	0.520 U	0.600 U	**1.80** D	0.500 U	0.970 U	0.440 U	**6.80** D	10 U	3.50 U
1,3-Butadiene	**1.60** D	**5.60** D	0.670 U	0.850 U	**0.71** J	0.660 U	**0.76** J	**0.83** D	0.640 U	**0.70** J	**0.81** J	0.700 U	0.680 U	1.300 U	0.590 U	**3.50** D	14 U	4.70 U
1,3-Dichlorobenzene	1.100 U	0.550 U	0.610 U	0.770 U	0.640 U	0.590 U	0.690 U	0.670 U	0.580 U	0.640 U	0.740 U	0.630 U	0.610 U	1.200 U	0.530 U	0.640 U	13 U	4.30 U
1,3-Dichloropropane	0.880 U	0.420 U	0.470 U	0.590 U	0.490 U	0.460 U	0.530 U	0.510 U	0.450 U	0.490 U	0.570 U	0.490 U	0.470 U	0.920 U	0.410 U	0.490 U	9.800 U	3.30 U
1,4-Dichlorobenzene	1.100 U	**0.55** J	0.610 U	0.770 U	0.640 U	0.590 U	0.690 U	0.670 U	0.580 U	0.640 U	0.740 U	**3.20** D	0.610 U	1.200 U	0.530 U	0.640 U	13 U	4.30 U
1,4-Dioxane	1.400 U	0.660 U	0.730 U	0.920 U	0.770 U	0.710 U	0.820 U	0.800 U	0.700 U	0.760 U	0.880 U	0.760 U	0.730 U	1.400 U	0.640 U	0.770 U	15 U	5.10 U
2-Butanone	**1.10** D	**8.60** D	**1.20** D	**1.20** D	**1.60** D	**0.88** D	**1.10** D	**3.40** D	**0.97** D	**2** D	**1.40** D	**1.10** D	**1.90** D	**1.30** D	**0.31** D	**2.70** D	**8.70** D	**230** D
2-Hexanone	1.600 U	0.750 U	0.830 U	1 U	0.880 U	0.810 U	0.930 U	**0.91** J	0.790 U	0.870 U	1 U	0.860 U	**0.83** J	1.600 U	0.730 U	0.880 U	17 U	**23** D
3-Chloropropene	3 U	1.400 U	1.600 U	2 U	1.700 U	1.500 U	1.800 U	1.700 U	1.500 U	1.700 U	1.900 U	1.600 U	1.600 U	3.100 U	1.400 U	1.700 U	33 U	11 U
4-Methyl-2-pentanone	0.780 U	0.370 U	0.410 U	0.520 U	**0.44** J	**3.20** D	**0.70** D	0.450 U	0.400 U	**2.60** D	0.500 U	0.430 U	0.420 U	0.810 U	0.360 U	0.440 U	8.600 U	2.90 U
Acetone	**10** D	**23** D	**8.60** D	**12** D	**14.0** D	**34.0** D	**9.30** D	**100** D	**27.0** D	**14** D	**16** D	**40.0** D	**11** D	**10** D	**3.50** D	**82** D	**1,300** D	**54** D
Acrylonitrile	0.410 U	**0.20** D	2.800 U	0.280 U	0.230 U	**2.80** J	0.250 U	0.240 U	2.700 U	0.230 U	0.270 U	**3.00** J	0.220 U	0.430 U	2.500 U	0.230 U	4.600 U	**20** J
Benzene	**4.10** D	**22** D	**0.68** D	**0.86** D	**1.70** D	**0.54** D	**1.10** D	**4.30** D	**0.52** D	**1** D	**1.40** D	**1.60** D	**0.46** D	1.500 D	**0.45** D	**11** D	**14** D	2.30 U
Benzyl chloride	0.980 U	0.470 U	0.520 U	0.660 U	0.550 U	0.510 U	0.590 U	0.570 U	0.500 U	0.550 U	0.630 U	0.550 U	0.530 U	1 U	0.460 U	0.550 U	11 U	3.70 U
Bromodichloromethane	1.300 U	**0.61** J	0.670 U	0.850 U	0.720 U	0.660 U	0.760 U	0.740 U	0.650 U	0.710 U	0.820 U	0.710 U	0.680 U	1.300 U	0.590 U	0.720 U	14 U	4.70 U
Bromoform	2 U	0.940 U	1.000 U	1.300 U	1.100 U	1.000 U	1.200 U	1.100 U	1.000 U	1.100 U	1.300 U	1.100 U	1.100 U	2 U	0.920 U	1.100 U	22 U	7.30 U
Bromomethane	0.740 U	0.350 U	0.390 U	0.500 U	0.420 U	0.380 U	0.440 U	0.430 U	0.370 U	0.410 U	0.480 U	0.410 U	0.400 U	0.770 U	0.340 U	0.420 U	8.200 U	2.80 U
Carbon disulfide	0.590 U	0.280 U	0.310 U	0.400 U	0.330 U	0.310 U	0.360 U	**0.41** D	0.300 U	**1.10** D	0.380 U	0.330 U	0.320 U	0.620 U	0.280 U	0.330 U	6.600 U	2.20 U
Carbon tetrachloride	**0.36** D	**0.40** D	**0.38** D	**0.32** D	**0.40** D	**0.37** D	**0.43** D	**0.35** D	**0.36** D	**0.47** D	**0.39** D	**0.46** D	**0.38** D	**0.62** D	**0.33** D	**0.40** D	3.300 U	1.10 U
Chlorobenzene	0.870 U	0.420 U	0.460 U	0.590 U	0.490 U	0.460 U	0.530 U	0.510 U	0.440 U	0.490 U	0.560 U	0.480 U	0.470 U	0.910 U	0.410 U	0.490 U	9.700 U	3.30 U
Chloroethane	0.500 U	0.240 U	0.270 U	0.340 U	0.280 U	0.260 U	0.300 U	0.290 U	0.250 U	0.280 U	0.320 U	0.280 U	0.270 U	0.520 U	0.230 U	0.280 U	5.600 U	1.90 U
Chloroform	**3.40** D	**5.50** D	**5.90** D	**1.30** D	**0.94** D	**1.80** D	**0.61** D	**1.20** D	**0.80** D	**0.57** D	**1.40** D	**1.90** D	0.500 U	0.970 U	0.430 U	**2.20** D	10 U	**6.20** D
Chloromethane	**1.10** D	**1.40** D	**1.50** D	**0.79** D	**1.40** D	**1.10** D	**1.30** D	**1.30** D	**1.30** D	**1.30** D	**1.20** D	**1.50** D	**1.20** D	**2.40** D	**0.95** D	**0.75** D	4.400 U	1.50 U
cis-1,2-Dichloroethylene	**0.45** D	**0.76** D	0.100 U	0.130 U	0.110 U	0.098 U	0.110 U	0.110 U	0.096 U	0.100 U	0.120 U	0.100 U	0.100 U	0.200 U	0.088 U	**2.80** D	**15** D	**44.0** D
cis-1,3-Dichloropropylene	0.860 U	0.410 U	0.460 U	0.580 U	0.490 U	0.450 U	0.520 U	0.500 U	0.440 U	0.480 U	0.560 U	0.480 U	0.460 U	0.900 U	0.400 U	0.490 U	9.600 U	3.20 U
Cyclohexane	0.650 U	0.310 U	0.350 U	0.440 U	0.370 U	0.340 U	0.390 U	**0.46** D	0.330 U	0.360 U	0.420 U	0.360 U	0.350 U	0.680 U	0.300 U	**14** D	7.300 U	2.40 U
Dibromochloromethane	1.600 U	0.780 U	0.860 U	1.100 U	0.910 U	0.840 U	0.970 U	0.940 U	0.820 U	0.900 U	1 U	0.900 U	0.870 U	1.700 U	0.750 U	0.910 U	18 U	6 U
Dichlorodifluoromethane	**2** D	**2.30** D	**1.90** D	**1.80** D	**2.30** D	**1.90** D	**2.10** D	**2.10** D	**1.80** D	**2.10** D	**1.90** D	**1.90** D	**2** D	**3.90** D	**2.00** D	**2.10** D	10 U	3.50 U
Ethyl acetate	**1.40** J	**0.66** J	**1.90** D	**0.92** J	**0.77** J	**3.20** D	**0.82** J	**1.10** D	**5.30** D	**1.70** D	**1.10** D	**7.90** D	0.730 U	1.400 J	**3.60** D	**1.40** D	15 U	5.10 U
Ethyl Benzene	0.820 U	**0.40** J	0.440 U	0.550 U	0.460 U	**0.43** D	0.500 U	**1.70** D	0.420 U	**0.69** D	**0.53** J	0.460 U	0.440 U	0.860 U	0.380 U	**21** D	9.200 U	3.10 U
Hexachlorobutadiene	2 U	0.970 U	1.100 U	1.400 U	1.100 U	1.100 U	1.200 U	1.200 U	1.000 U	1.100 U	1.300 U	1.100 U	1.100 U	2.100 U	0.940 U	1.100 U	23 U	7.60 U
Isopropanol	**24** D	**24** D	**8.10** D	**30** D	**35** D	**44.0** D	**17** D	**18** D	**13.0** D	**42** D	**22** D	**25.0** D	**3** D	**10** D	**1.60** D	**6.10** D	**23** BD	**10.0** J
Methyl Methacrylate	**1.90** D	**1.30** D	0.410 U	**0.94** D	**0.74** D	0.400 U	**1.50** D	**1.90** D	0.400 U	**1.60** D	0.500 U	0.430 U	**1.80** D	**1.20** D	0.360 U	0.440 U	8.600 U	2.9 U
Methyl tert-butyl ether (MTBE)	0.680 U	0.330 U	0.360 U	0.460 U	0.390 U	0.360 U	0.410 U	0.400 U	0.350 U	0.380 U	0.440 U	0.380 U	0.370 U	0.710 U	0.320 U	0.390 U	7.600 U	2.60 U
Methylene chloride	**16** D	**2.10** D	2.100 U	**9.30** D	**1.20** D	2.100 U	**4.90** D	**3.40** D	2.000 U	**15** D	**2.0** D	2.200 U	**7.30** D	**2.60** D	1.800 U	**7.90** D	**15** J	15 U
n-Heptane	**0.78** J	**0.64** D	0.410 U	0.520 U	**0.61** D	0.410 U	**0.61** D	**1.40** D	0.400 U	**1.60** D	**0.65** D	0.430 U	0.420 U	**0.81** J	0.360 U	**29** D	8.600 U	2.90 U
n-Hexane	**1.10** D	**0.61** D	**0.35** D	**0.54** D	**0.38** J	**0.56** D	**0.68** D	**1.10** D	0.340 U	**0.67** D	0.430 U	**0.41** D	**0.47** D	**0.70** D	0.310 U	**15** D	7.400 U	2.50 U
o-Xylene	**0.82** J	**0.52** D	**1.00** D	**0.55** J	**0.46** J	**3.10** D	**0.50** J	**4.50** D	**0.63** D	**0.74** D	**0.53** J	**0.69** D	**0.44** J	**0.86** J	0.380 U	**32** D	**9.20** J	3.10 U
p- & m- Xylenes	**2.20** D	**1.40** D	0.870 U	1.100 U	0.930 U	**1.50** D	**1.10** D	**8** D	0.840 U	**2.30** D	**1.10** D	**0.91** D	0.880 U	1.700 U	0.770 U	**73** D	18 U	6.20 U
p-Ethyltoluene	**0.93** J	**0.72** D	**7.90** D	0.630 U	**0.53** D	**33** D	0.560 U	**2.50** D	**4.30** D	0.520 U	**0.60** D	**5.60** D	**0.50** J	0.970 U	0.440 U	**24** D	10 U	3.50 U
Propylene	0.330 U	**35** D	**2.80** D	**1.60** D	**3** D	**2.40** D	0.200 U	**6.70** D	**1.70** D	0.180 U	0.210 U	**3.30** D	0.180 U	0.340 U	**0.50** D	**19** D	3.600 U	**24** D
Styrene	0.810 U	**0.39** J	0.430 U	0.540 U	0.460 U	0.420 U	0.490 U	**0.90** D	0.410 U	0.450 U	**0.52** J	**0.54** D	0.430 U	0.840 U	0.380 U	**1.10** D	9 U	3 U
Tetrachloroethylene	**16** D	**21** D	**2.90** D	**1.70** D	**10** D	**4.50** D	**3.10** D	**4.40** D	**1.70** D	**1.50** D	**2.70** D	**1.90** D	**0.69** J	**12** D	**2.20** D	**30** D	**130** D	**5,000** D
Tetrahydrofuran	**1.10** J	**3.00** D	**0.62** D	**0.75** J	**0.63** J	0.580 U	**0.67** J	**0.65** J	0.570 U	**0.62** J	0.720 U	0.620 U	0.600 U	1.200 U	0.520 U	**5.90** D	12 U	4.20 U
Toluene	**2.90** D	**3.30** D	**1.50** D	**1.10** D	**1.20** D	**1.30** D	**7.40** D	**5** D	**1.70** D	**23** D	**1.50** D	**4.1** D	**0.58** D	**1.90** D	**0.67** D	**87** D	**8.70** D	2.70 U
trans-1,2-Dichloroethylene	0.750 U	0.360 U	0.400 U	0.510 U	0.420 U	0.390 U	0.450 U	0.440 U	0.380 U	0.420 U	0.490 U	0.420 U	0.400 U	0.790 U	0.350 U	0.420 U	8.400 U	2.80 U
trans-1,3-Dichloropropylene	0.860 U	0.410 U	0.460 U	0.580 U	0.490 U	0.450 U	0.520 U	0.500 U	0.440 U	0.480 U	0.560 U	0.480 U	0.460 U	0.900 U	0.400 U	0.490 U	9.600 U	3.20 U
Trichloroethylene	**4.50** D	**6.70** D	0.140 U	**6.80** D	**14** D	0.130 U	**4.50** D	**9.60** D	0.130 U	**4.60** D	**3.10** D	0.140 U	0.140 U	**0.53** D	0.120 U	**2.20** D	**7.90** D	**38** D
Trichlorofluoromethane (Freon 11)	**1.20** D	**1.30** D	**0.96** D	**1.10** D	**1.20** D	**0.94** D	**1.20** D	**1.20** D	**0.98** D	**1.20** D	**1.10** D	**1.0** D	**1.10** D	**2.20** D	**1.00** D	**1.10** D	12 U	**4** U
Vinyl acetate	0.670 U	0.320 U	0.350 U	0.450 U	0.380 U	0.350 U	0.400 U	0.390 U	0.340 U	0.370 U	0.430 U	0.370 U	0.360 U	0.700 U	0.310 U	0.380 U	7.400 U	2.50 U
Vinyl bromide	0.830 U	0.400 U	0.440 U	0.560 U	0.470 U	0.430 U	0.500 U	0.480 U	0.420 U	0.460 U	0.540 U	0.460 U	0.450 U	0.870 U	0.390 U	0.470 U	9.200 U	3.10 U
Vinyl Chloride	0.240 U	0.120 U	0.130 U	0.160 U	0.140 U	0.130 U	0.150 U	0.140 U	0.120 U	0.140 U	0.160 U	0.130 U	0.130 U	0.250 U	0.110 U	**0.22** D	2.700 U	0.910 U

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
Bolded indicates concentration is greater than MDL
Red value indicates concentration exceeded NYSDOH air guidline value, as updated, regardless of whether it is a soil vapor or indoor air sample
indicates exceedance of the monitor/mitigate value of the applicable NYSDOH matrix

FIGURES



LEGEND:

- LOCATION OF VACUUM MONITORING POINT (VP-)
- SUCTION TRENCHES
- 4" CPVC RISER PIPES
- RADONAWAY FAN MODEL GP501 MOUNTED ON EXTERIOR WALL
- ELECTRIC PANEL FOR THE SSD SYSTEM MOUNTED ON EXTERIOR WALL
- MAGNEHELIC GAUGE MOUNTED ON INTERIOR WALL AND CONNECTED TO THE SUCTION FAN INLET PIPE
- RADON ALARM MOUNTED ON INTERIOR WALL AND CONNECTED TO THE SUCTION FAN INLET PIPE
- U-TUBE VACUUM GAUGE MOUNTED ON RISER PIPE
- 4" TEE CPVC PIPE
- VACUUM MONITORING POINT NO LONGER PRESENT

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 PREPARED BY

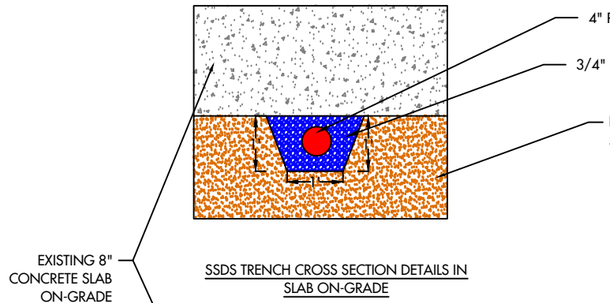
PROJECT NAME AND ADDRESS

152 GRAHAM AVENUE
BROOKLYN, NY 11206

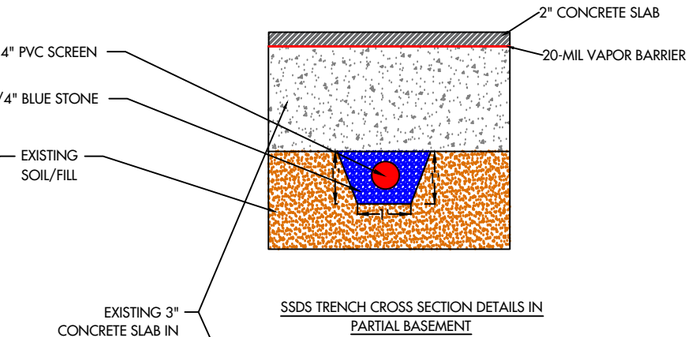
PROJECT FIGURE

FIGURE 1: AS-BUILD PLAN OF SSDS - PLAN VIEW

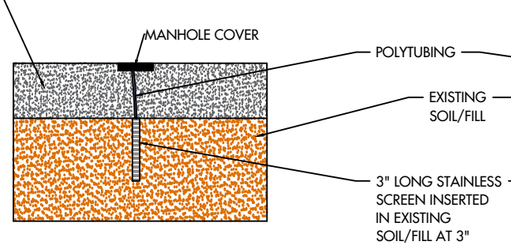
PROJECT NO.	DATE
240052	03/04/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) NOT TO SCALE	APPROVED BY P.M.



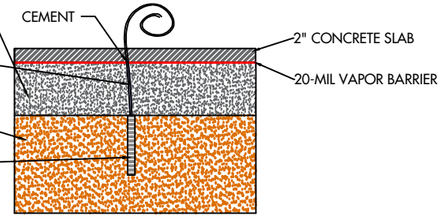
SSDS TRENCH CROSS SECTION DETAILS IN SLAB ON-GRADE



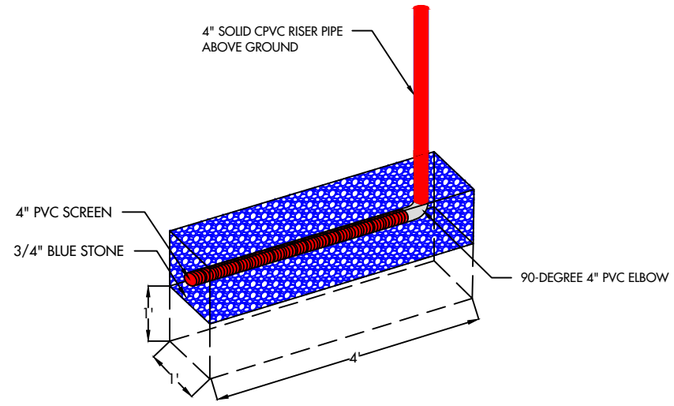
SSDS TRENCH CROSS SECTION DETAILS IN PARTIAL BASEMENT



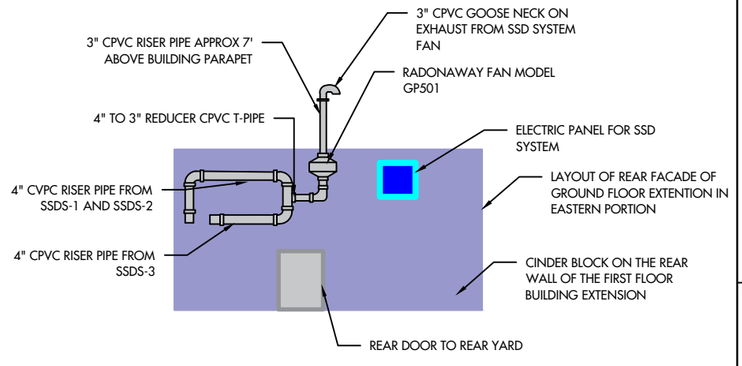
SUB-SLAB VACUUM MONITORING POINT SECTION DETAIL IN SLAB ON-GRADE



SUB-SLAB VACUUM MONITORING POINT SECTION DETAIL IN PARTIAL BASEMENT



SSDS TRENCH PLAN VIEW SECTION DETAILS



SSDS FAN AND RISER TERMINATION DETAILS

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 PREPARED BY

PROJECT NAME AND ADDRESS

152 GRAHAM AVENUE
BROOKLYN, NY 11206

PROJECT FIGURE

FIGURE 2:AS-BUILD PLAN OF SSDS - SECTION VIEW

PROJECT NO.	DATE
240052	03/05/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) NOT TO SCALE	APPROVED BY P.M.

LEGEND:

- OUTDOOR AIR SAMPLE (OA-)
- SSD SYSTEM EFFLUENT SAMPLE (EE-)
- INDOOR AIR SAMPLES (IA-)
  - IA-7 CENTRAL PORTION OF THE PARTIAL BASEMENT
  - IA-8 CENTRAL PORTION OF THE SLAB-ON-GRADE AREA
  - IA-9 INSIDE THE TENANT SPACE ON 2ND FLOOR
  - IA-10 INSIDE THE TENANT SPACE ON 3RD FLOOR

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 PREPARED BY

PROJECT NAME AND ADDRESS

152 GRAHAM AVENUE
BROOKLYN, NY 11206

PROJECT FIGURE

FIGURE 3: AMBIENT INDOOR/OUTDOOR AIR AND SSDS EFFLUENT SAMPLING MAP

PROJECT NO.	DATE
240052	03/04/2025
DRAWN BY	REVIEWED BY
A.S.	P.M.
SCALE (11X17)	APPROVED BY
NOT TO SCALE	P.M.

DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

N

SAMPLE ID	IA-7					
SAMPLING DATE	4/2/2021		2/11/2022		2/14/2025	
UNITS	ug/m3		ug/m3		ug/m3	
CARBON TETRACHLORIDE	0.36	D	0.4	D	0.38	D
CIS-1,2-DICHLOROETHYLENE	0.45	D	0.76	D	ND	
METHYLENE CHLORIDE	16	D	2.1	D		
TETRACHLOROETHYLENE	16	D	21	D	2.9	D
TRICHLOROETHYLENE	4.5	D	6.7	D	ND	

SAMPLE ID	IA-2
SAMPLING DATE	11/20/2018
UNITS	ug/m3
CARBON TETRACHLORIDE	0.7
CHLOROFORM	1.66
TETRACHLOROETHYLENE	20.4
TRICHLOROETHYLENE	6.87

SAMPLE ID	IA-8					
SAMPLING DATE	4/2/2021		2/11/2022		2/14/2025	
UNITS	ug/m3		ug/m3		ug/m3	
CARBON TETRACHLORIDE	0.32	D	0.4	D	0.37	D
METHYLENE CHLORIDE	9.3	D	1.2	D	2.1	U
TETRACHLOROETHYLENE	1.7	D	10	D	4.5	D
TRICHLOROETHYLENE	6.8	D	14	D	ND	

SAMPLE ID	EE-1					
SAMPLING DATE	4/2/2021		2/11/2022		2/14/2025	
UNITS	ug/m3		ug/m3		ug/m3	
CARBON TETRACHLORIDE	0.4	D	ND		ND	
CIS-1,2-DICHLOROETHYLENE	2.8	D	15	D	44	D
METHYLENE CHLORIDE	7.9	D	15	J	5,000	D
TETRACHLOROETHYLENE	30	D	130	D	5,000	D
TRICHLOROETHYLENE	2.2	D	7.9	D	38	D

SAMPLE ID	0A-2					
SAMPLING DATE	4/2/2021		2/11/2022		2/14/2025	
UNITS	ug/m^3		ug/m^3		ug/m^3	
CARBON TETRACHLORIDE	0.38	D	0.62	D	0.33	D
METHYLENE CHLORIDE	7.30	D	2.60	D	ND	
TETRACHLOROETHYLENE	0.69	J	12	D	2.2	D
TRICHLOROETHYLENE	ND		0.53	D	ND	

SUBJECT PROPERTY
152 GRAHAM AVENUE
BROOKLYN, NY 11206

147 GRAHAM AVENUE
ADJACENT 5-STORY RESIDENTIAL BUILDING

143 GRAHAM AVENUE
ADJACENT PARKING

ADJACENT 4-STORY COMMERCIAL AND RESIDENTIAL BUILDING

GRAHAM AVENUE

PARTITION WALL

BUILDING OUTLINE

REAR YARD

ADJACENT 4-STORY RESIDENTIAL BUILDING

IA-7 IA-2 IA-9 IA-10 IA-1 IA-3 IA-8 EE-1 OA-2

BASEMENT OUTLINE

SIDEWALK

SIDEWALK

JOHNSON AVENUE

SAMPLE ID	IA-9					
SAMPLING DATE	4/2/2021		2/11/2022		2/14/2025	
UNITS	ug/m3		ug/m3		ug/m3	
CARBON TETRACHLORIDE	0.43	D	0.35	D	0.36	D
METHYLENE CHLORIDE	4.9	D	3.4	D	ND	
TETRACHLOROETHYLENE	3.1	D	4.4	D	1.7	D
TRICHLOROETHYLENE	4.5	D	9.6	D	ND	

SAMPLE ID	IA-1
SAMPLING DATE	11/20/2018
UNITS	ug/m3
CARBON TETRACHLORIDE	0.64
CIS-1,2-DICHLOROETHYLENE	1.24
METHYLENE CHLORIDE	ND
TETRACHLOROETHYLENE	396
TRICHLOROETHYLENE	3.75

SAMPLE ID	IA-10					
SAMPLING DATE	4/2/2021		2/11/2022		2/14/2025	
UNITS	ug/m3		ug/m3		ug/m3	
CARBON TETRACHLORIDE	0.47	D	0.39	D	0.46	D
METHYLENE CHLORIDE	15	D	2	D	ND	
TETRACHLOROETHYLENE	1.5	D	2.7	D	1.9	D
TRICHLOROETHYLENE	4.6	D	3.1	D	ND	

SAMPLE ID	IA-3
SAMPLING DATE	4/5/2021
UNITS	ug/m^3
CARBON TETRACHLORIDE	0.43 D
METHYLENE CHLORIDE	0.92 D
TETRACHLOROETHYLENE	1.40 D
TRICHLOROETHYLENE	18 D

LEGEND

- SSD SYSTEM EFFLUENT SAMPLE (EE-)
- OUTDOOR AIR LOCATION (OA-)
- INDOOR AIR SAMPLES (IA-)
  - IA-7 CENTRAL PORTION OF THE PARTIAL BASEMENT
  - IA-8 CENTRAL PORTION OF THE SLAB-ON-GRADE AREA
  - IA-9 INSIDE THE TENANT SPACE ON 2ND FLOOR
  - IA-10 INSIDE THE TENANT SPACE ON 3RD FLOOR
- INDOOR AIR SAMPLES (IA-) COLLECTED DURING NOVEMBER 2018 AND APRIL 2021
  - IA-1 IN THE PARTIAL BASEMENT
  - IA-2 ON THE GROUND FLOOR

ND	NOT DETECTED
NYSDOH	NEW YORK STATE DEPARTMENT OF HEALTH
ug/m^3	MICROGRAMS PER CUBIC METER
D	RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
J	ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT)- DATA IS ESTIMATED
RED VALUE	INDICATES CONCENTRATION EXCEEDED NYSDOH AIR GUIDELINE VALUE, AS UPDATED, REGARDLESS OF WHETHER IT IS A SOIL VAPOR OR INDOOR AIR SAMPLE
	INDICATES EXCEEDANCE OF THE MONITOR/MITIGATE VALUE OF THE APPLICABLE NYSDOH MATRIX
	DATA COLLECTED POST SSDS START-UP
SSDS	SUB-SLAB DEPRESSURIZATION SYSTEM

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

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

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

152 GRAHAM AVENUE
BROOKLYN, NY 11206

PROJECT FIGURE

FIGURE 4: MAP OF COVCs IN INDOOR AIR AND SSDS EFFLUENT SAMPLES

PROJECT NO.	DATE
240052	03/05/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) NOT TO SCALE	APPROVED BY P.M.

ATTACHMENTS

ATTACHMENT 1

NYSDEC CORRESPONDENCES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

October 20, 2022

Reina Diaz & Belio Urena
152 Graham Avenue
Brooklyn, NY 11206

Re: Top Hat Cleaners
152 Graham Avenue, Brooklyn, Kings County
Brownfield Cleanup Program # C224208
Annual Interim Remedial Measure Periodic Review Report Acceptance

Dear Ms. Diaz and Mr. Urena:

The New York State Department of Environmental Conservation (the Department) has reviewed your Annual Interim Remedial Measure (IRM) Periodic Review Report (PRR) and IC/EC Certification for following period: July 2021 to June 2022. The Department hereby accepts the Annual IRM PRR and associated Certification. The frequency of Annual Reports for this site is 1 year, your next PRR is due in July 2023.

In consultant with the New York State Department of Health (NYSDOH), the Department requests an increase in indoor air sampling frequency from annually to quarterly beginning in November 2022. All sampling must be conducted in accordance with the approved Operation, Monitoring and Maintenance (OM&M) Plan in the Interim Remedial Measure Construction Completion Report dated September 2021. Results of the quarterly sampling must be submitted to the Department and NYSDOH within one month of the sampling date.

If you have any questions, please contact me at 718-482-7541 or e-mail: wendi.zheng@dec.ny.gov. Site-related health questions can be directed to the NYSDOH Project Manager, Anthony Perretta, at (518) 402-7860 or email: anthony.perretta@health.ny.gov.

Sincerely,
Wendi Zheng
Wendi Zheng
Project Manager

ec: J. O'Connell, C. Maycock, J. Simpson – NYSDEC
S. McLaughlin, A. Perretta – NYSDOH
E. Cadiz – Applicant's Representative
T. Khouri, P. Matli – Hydro Tech
G. Duke – Connell Foley LLP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

January 30, 2023

Reina Diaz & Belio Urena
152 Graham Avenue
Brooklyn, NY 11206

Re: Top Hat Cleaners
152 Graham Avenue, Brooklyn, Kings County
Brownfield Cleanup Program # C224208

Dear Ms. Diaz and Mr. Urena:

The New York State Department of Environmental Conservation (the Department) conducted a site visit of the above referenced Site on December 8, 2022 during which we provided comments and recommendations to your consultants Hydro Tech Environmental Engineering and Geology, DPC on the draft Remedial Action Work Plan (RAWP) that was submitted on September 26, 2022.

Until such time as the RAWP is approved and the Decision Document for the site is issued the Department, in consultation with the New York State Department of Health, requires the continued implementation of the Operation, Monitoring and Maintenance Plan for the Sub-Slab Depressurization System (SSDS) in accordance with the approved Interim Remedial Measure Construction Completion Report dated September 2021. The Department also requires continued quarterly indoor air sampling as per the October 20, 2022 Periodic Review Report acceptance letter.

In addition, measures should be taken to improve the SSDS effectiveness and to further reduce concentrations of trichloroethene and tetrachloroethene in indoor air. To enhance the SSDS, the floors and walls of the basement should be sealed, and carbon filtration units should be placed in each tenant space. Following these enhancements, indoor air samples should be collected from the basement, first floor, and second floor of the on-site building, in addition to one outdoor air sample. The SSDS enhancements and subsequent indoor air sampling should be performed during the current 2022-2023 heating season.

Please notify the Department at least 7 days in advance of implementing the SSDS enhancements outlined herein. If you have any questions, please contact me at wendi.zheng@dec.ny.gov. Site-related health questions can be directed to the NYSDOH Project Manager, Anthony Perretta, at anthony.perretta@health.ny.gov.

Sincerely,

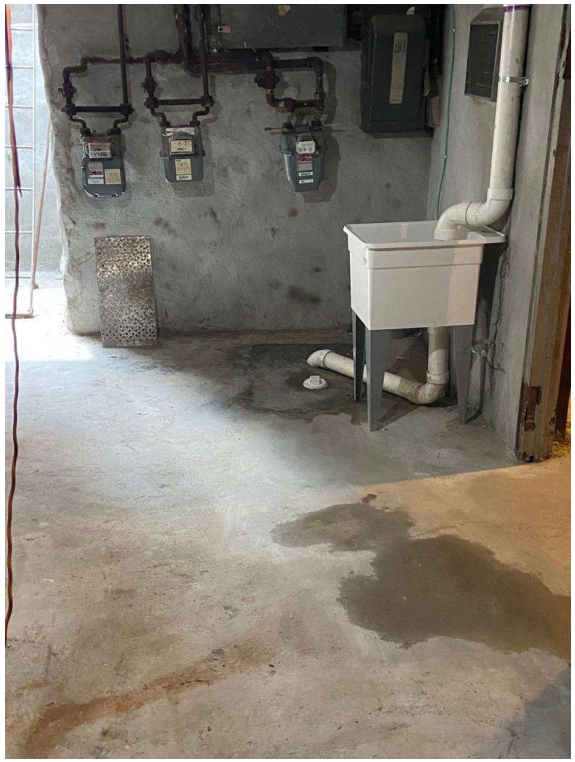
Wendi Zheng

Wendi Zheng
Project Manager

ec: J. O'Connell, A. Obligado, J. Simpson – NYSDEC
S. McLaughlin, A. Perretta – NYSDOH
E. Cadiz – Applicant's Representative
T. Khouri, P. Matli – Hydro Tech
G. Duke – Connell Foley LLP

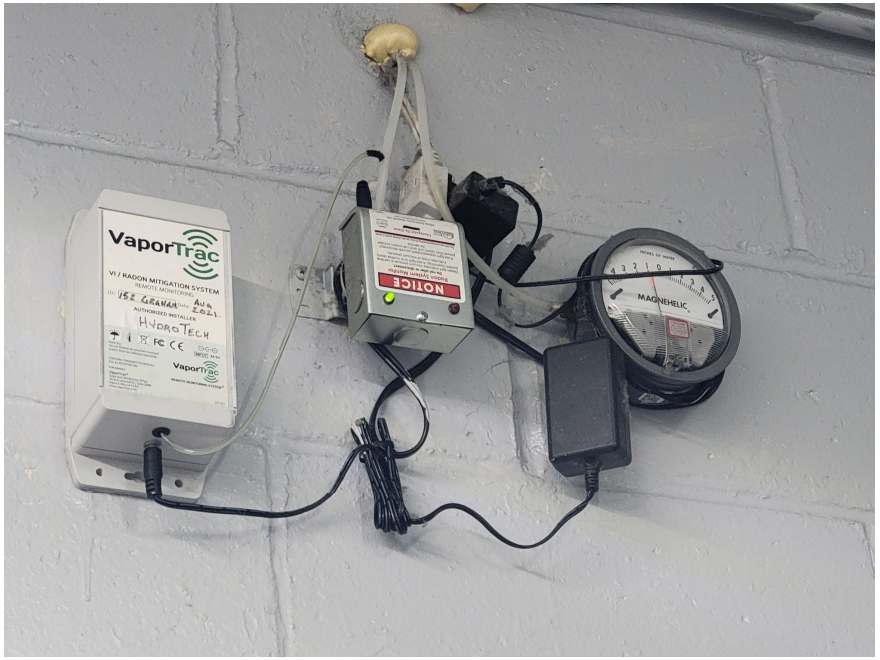
ATTACHMENT 2

PHOTOGRAPHS



View of new slab and sealed masonry stone walls in partial basement

View of new slab and sealed masonry stone walls in crawl space



SSDS alarm, telemetry system and Dwyer Magnehelic Gauge

Vacuum monitoring U-Tube at SSDS 1 & 2 and at SSDS-3

VP-1

VP-3

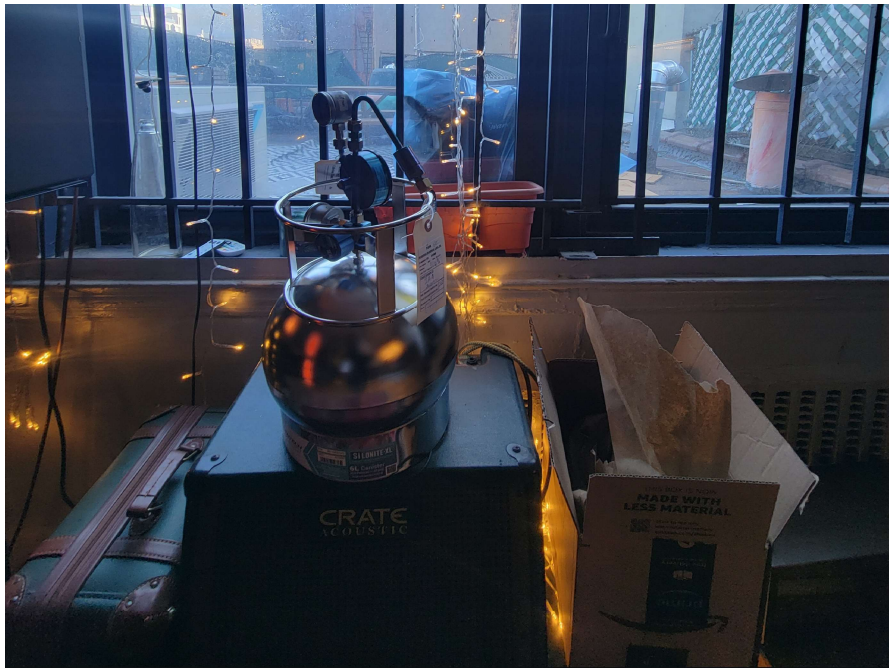
VP-4

PID reading at SSDS effluent

Organic vapor survey on 1st floor

Indoor air sampling in the 1st floor

Outdoor air sampling in the rear open space

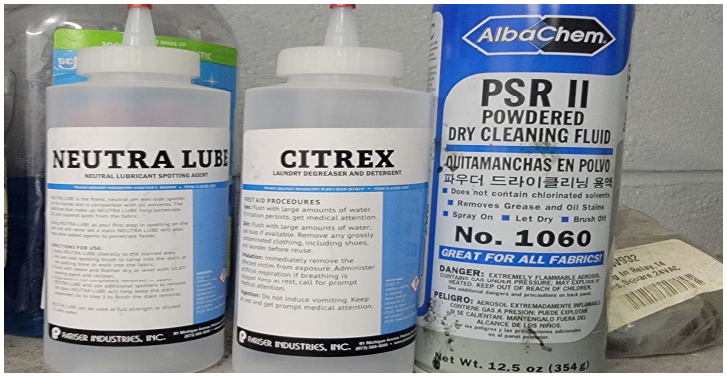


Indoor air sampling in the 2nd floor

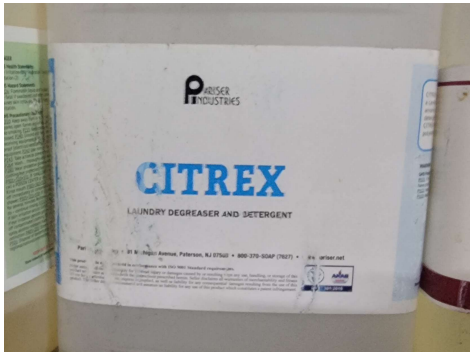
Indoor air sampling in the 3rd floor

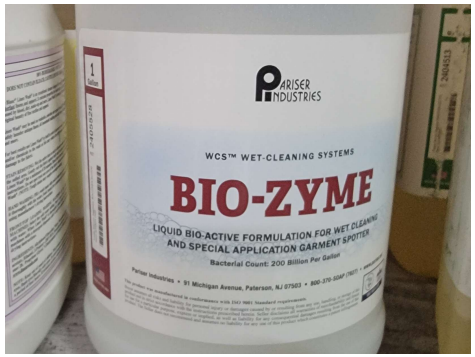
Indoor air sampling in the partial basement

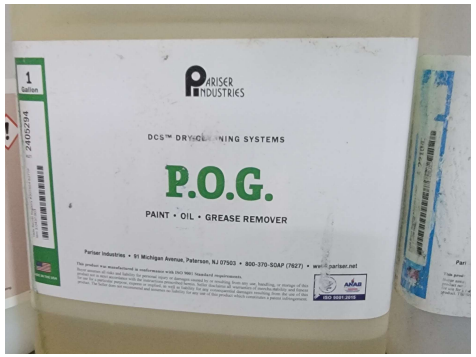
SSDS effluent air sampling



View of stored detergents and dry-cleaning products on the 1st floor







View of stored detergents and dry-cleaning products on the 1st floor

ATTACHMENT 3

SSDS INSPECTION CHECKLISTS

Inspector name and title	Site Address	Date
Matthew Sanchez	**152 Graham Avenue, Brooklyn, NY**	2/14/2025

Remedy Description of Cover Systems

1. Review of the current remedy

Identify the current remedy:

x SSDS		

How many SSDS Systems are used ? **One SSDS fan connected to two risers from partial basement (SSDS-1) and ground floor (SSDS-2)**

2. Review of the current remedy goals

What schedule has been established for monitoring of SSDS ? **Quarterly**

B. Summary of Remedy Performance Assessment

1. Evaluate remedy effectiveness:

Based on information collected since the last O&M review, do monitoring data indicate that the system is failing or could eventually fail to meet remedy goals?	□ Yes x No
Since the last O&M review, have monitoring data exhibited trends indicative of a new or renewed release?	□ Yes x No
Since the last O&M review, have changes in landuse been suggested and or implemented that have the potential to reduce the protectiveness of the SSDS remedy?	□ Yes x No
Since the last O&M review, have contaminants been identified in new locations or at higher concentrations where they pose or have the potential to pose unacceptable risks to receptors?	□ Yes x No
If you answered yes to any of the above questions, did the information suggest the need for immediate action or is the condition being monitored to evaluate the need for future action? Use this space to comment. What actions, if any, have been taken and/or are planned in response to the new information?	□ Immediate Action □ Monitor for future x N/A
Based on your answers to the above questions, is there reason to evaluate the need for a contingent remedy at this time? If yes, use this space to comment.	□ Yes x No

SSDS

PID at effluent		0.8 PPM
Vacuum guage	SSDS (Dwyer Magnehelic® Gauge)	- 1.0 Inch H20
	SSDS-1 & 2 (U-Tube)	-1.2 Inch H20
	SSDS-3 (U-Tube)	-2.6 Inch H20
Vacuum Reading at vacuum monitorinbg points	VP-1	-0.02 Inch H20
	VP-2	Destroyed
	VP-3	-0.04 Inch H20
	VP-4	-0.020 Inch H20
Fan Condition		x Function □ Damage

Was the Subslab Depressurization System (SSDS) operating upon arrival? If "No," explain below why the system was not running, efforts taken to restart the SSDS and if the system was operational when leaving. If successful in making the SSDS operational, complete the remainder of the checklist.	x Yes □ No
Were all sub-slab vacuum readings less than of equal to - 0.01 inches of water? If "Yes," the SSDS is deemed still effective and the vacuum readings taken during this inspection are now the new baseline readings. If "No," system must be adjusted/amended and the SSDS re-commissioned. Discuss adjustments and amendments below:	x Yes □ No
List below all pertinent observations and actions taken during this Inspection: i.e., sagging/damaged pipes, construction changes to building that may affect the system, pipe leaks that may need smoke test, is building still vacant, has occupancy zoning changed (i.e. commercial to residential), are non-SSDS engineered systems still functioning as designed etc. Add additional pages as needed. **A new slab was poured in partial basement and in crawl space on top of vapor barrier. Masonery stone walls in partial basement are also sealed with cement plaster**	
Did you observe breaking or cracks in the slab cover	□ Yes x No
If yes describe the level of alteration needed for repairs and remedies? **Fine cracks in the new slab in partial basement** crack could be resealed.	

ATTACHMENT 4

LABORATORY REPORT

Technical Report

prepared for:

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

Report Date: 02/21/2025
Client Project ID: 240052 152 Graham Ave, Brooklyn
York Project (SDG) No.: 25B0939

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

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

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

Report Date: 02/21/2025
Client Project ID: 240052 152 Graham Ave, Brooklyn
York Project (SDG) No.: 25B0939

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

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 February 14, 2025 and listed below. The project was identified as your project: **240052 152 Graham Ave, 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
25B0939-01	IA-7 2025-02-14	Indoor Ambient Air	02/14/2025	02/14/2025
25B0939-02	IA-8 2025-02-14	Indoor Ambient Air	02/14/2025	02/14/2025
25B0939-03	IA-9 2025-02-14	Indoor Ambient Air	02/14/2025	02/14/2025
25B0939-04	IA-10 2025-02-14	Indoor Ambient Air	02/14/2025	02/14/2025
25B0939-05	OA-2 2025-02-14	Outdoor Ambient Ai	02/14/2025	02/14/2025
25B0939-06	EE-1 2025-02-14	Vapor Extraction	02/14/2025	02/14/2025

General Notes for York Project (SDG) No.: 25B0939

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 02/21/2025

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:58 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.69	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
95-63-6	**1,2,4-Trimethylbenzene**	**7.6**		ug/m³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
108-67-8	**1,3,5-Trimethylbenzene**	**2.5**		ug/m³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.67	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.73	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.24	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
78-93-3	**2-Butanone**	**1.2**		ug/m³	0.30	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:58 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
67-64-1	**Acetone**	**8.6**		ug/m³	1.9	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.8	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
71-43-2	**Benzene**	**0.68**		ug/m³	0.32	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.52	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-25-2	Bromoform	ND		ug/m³	1.0	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
74-83-9	Bromomethane	ND		ug/m³	0.39	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
56-23-5	**Carbon tetrachloride**	**0.38**		ug/m³	0.16	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-00-3	Chloroethane	ND		ug/m³	0.27	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
67-66-3	**Chloroform**	**5.9**		ug/m³	0.49	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.21	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
110-82-7	Cyclohexane	ND		ug/m³	0.35	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.86	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
141-78-6	*** Ethyl acetate**	**1.9**		ug/m³	0.73	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
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Volatile Organics, EPA TO15 Full List

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Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
67-63-0	**Isopropanol**	**8.1**		ug/m³	1.5	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-09-2	Methylene chloride	ND		ug/m³	2.1	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
91-20-3	* Naphthalene	ND		ug/m³	1.1	1.007	EPA TO-15 Certifications: NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
142-82-5	n-Heptane	ND		ug/m³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
110-54-3	**n-Hexane**	**0.35**		ug/m³	0.35	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
95-47-6	**o-Xylene**	**1.0**		ug/m³	0.44	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
622-96-8	*** p-Ethyltoluene**	**7.9**		ug/m³	0.50	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
115-07-1	*** Propylene**	**2.8**		ug/m³	0.17	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
100-42-5	Styrene	ND		ug/m³	0.43	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
127-18-4	**Tetrachloroethylene**	**2.9**		ug/m³	0.68	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
109-99-9	*** Tetrahydrofuran**	**0.62**		ug/m³	0.59	1.007	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 03:17	YR
108-88-3	**Toluene**	**1.5**		ug/m³	0.38	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.96**		ug/m³	0.57	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L, ICVE	ug/m³	0.35	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:58 pm	02/14/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.44	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 03:17	YR

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared 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	0.989	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 04:21	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.68	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.098	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.73	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
95-63-6	**1,2,4-Trimethylbenzene**	**33**		ug/m³	0.49	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.76	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.989	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 04:21	YR

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**9.8**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.59	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.71	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.23	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			
78-93-3	**2-Butanone**	**0.88**		ug/m³	0.29	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.81	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**3.2**		ug/m³	0.41	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**34**		ug/m³	1.9	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.8	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.54**		ug/m³	0.32	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.66	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.0	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.38	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.37**		ug/m³	0.16	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.26	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**1.8**		ug/m³	0.48	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.20	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.098	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.84	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**3.2**		ug/m³	0.71	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.43**		ug/m³	0.43	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**44**		ug/m³	1.5	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.1	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.41	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.56**		ug/m³	0.35	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**3.1**		ug/m³	0.43	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.5**		ug/m³	0.86	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**33**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			
115-07-1	*** Propylene**	**2.4**		ug/m³	0.17	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.42	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**4.5**		ug/m³	0.67	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.58	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications:			

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**1.3**		ug/m³	0.37	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.94**		ug/m³	0.56	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE, TO-CCV, TO-LCS-L	ug/m³	0.35	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.74	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.096	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.72	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
95-63-6	**1,2,4-Trimethylbenzene**	**4.8**		ug/m³	0.47	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ug/m³	0.47	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.965	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 05:26	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.58	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.70	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.36**		ug/m³	0.23	0.965	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 05:26	YR
78-93-3	**2-Butanone**	**0.97**		ug/m³	0.28	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.79	0.965	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 05:26	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.40	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
67-64-1	**Acetone**	**27**		ug/m³	1.8	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.7	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
71-43-2	**Benzene**	**0.52**		ug/m³	0.31	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.65	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	1.0	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
74-83-9	Bromomethane	ND		ug/m³	0.37	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
56-23-5	**Carbon tetrachloride**	**0.36**		ug/m³	0.15	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
75-00-3	Chloroethane	ND		ug/m³	0.25	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
67-66-3	**Chloroform**	**0.80**		ug/m³	0.47	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.20	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.096	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
110-82-7	Cyclohexane	ND		ug/m³	0.33	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
75-71-8	**Dichlorodifluoromethane**	**1.8**		ug/m³	0.48	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
141-78-6	*** Ethyl acetate**	**5.3**		ug/m³	0.70	0.965	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 05:26	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.42	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
67-63-0	**Isopropanol**	**13**		ug/m³	1.4	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.965	EPA TO-15 Certifications: NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
142-82-5	n-Heptane	ND		ug/m³	0.40	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR
110-54-3	n-Hexane	ND		ug/m³	0.34	0.965	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 05:26	YR

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**0.63**		ug/m³	0.42	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.84	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**4.3**		ug/m³	0.47	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications:			
115-07-1	*** Propylene**	**1.7**		ug/m³	0.17	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.41	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**1.7**		ug/m³	0.65	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications:			
108-88-3	**Toluene**	**1.7**		ug/m³	0.36	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.98**		ug/m³	0.54	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE, TO-CCV, TO-LCS-L	ug/m³	0.34	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.81	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.78	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
95-63-6	**1,2,4-Trimethylbenzene**	**6.3**		ug/m³	0.52	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.81	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.74	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.8**		ug/m³	0.52	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.70	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
106-46-7	**1,4-Dichlorobenzene**	**3.2**		ug/m³	0.63	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.76	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.25	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
78-93-3	**2-Butanone**	**1.1**		ug/m³	0.31	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	1.6	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
67-64-1	**Acetone**	**40**		ug/m³	2.0	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.0	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
71-43-2	**Benzene**	**1.6**		ug/m³	0.34	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.55	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.71	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-25-2	Bromoform	ND		ug/m³	1.1	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
74-83-9	Bromomethane	ND		ug/m³	0.41	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.17	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-00-3	Chloroethane	ND		ug/m³	0.28	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
67-66-3	**Chloroform**	**1.9**		ug/m³	0.51	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.22	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
110-82-7	Cyclohexane	ND		ug/m³	0.36	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.90	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.52	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
141-78-6	*** Ethyl acetate**	**7.9**		ug/m³	0.76	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.46	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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**	**25**		ug/m³	1.6	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
75-09-2	Methylene chloride	ND		ug/m³	2.2	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
91-20-3	* Naphthalene	ND		ug/m³	1.1	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NJDEP-NY037	02/20/2025 06:30	YR
142-82-5	n-Heptane	ND		ug/m³	0.43	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
110-54-3	**n-Hexane**	**0.41**		ug/m³	0.37	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
95-47-6	**o-Xylene**	**0.69**		ug/m³	0.46	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
179601-23-1	**p- & m- Xylenes**	**0.91**		ug/m³	0.91	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
622-96-8	*** p-Ethyltoluene**	**5.6**		ug/m³	0.52	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
115-07-1	*** Propylene**	**3.3**		ug/m³	0.18	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
100-42-5	**Styrene**	**0.54**		ug/m³	0.45	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
127-18-4	**Tetrachloroethylene**	**1.9**		ug/m³	0.71	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.62	1.053	EPA TO-15 Certifications:	02/19/2025 12:38	02/20/2025 06:30	YR
108-88-3	**Toluene**	**4.1**		ug/m³	0.40	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.59	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-CCV, TO-LCS-L	ug/m³	0.37	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.053	EPA TO-15 Certifications:	02/19/2025 12:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 06:30	YR

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.053	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/19/2025 12:38	02/20/2025 06:30	YR

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Air	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared 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	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.48	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.66	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.44	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.53	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.62	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Air	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.53	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.53	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.21	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
78-93-3	**2-Butanone**	**0.31**		ug/m³	0.26	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
67-64-1	**Acetone**	**3.5**		ug/m³	1.7	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.5	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
71-43-2	**Benzene**	**0.45**		ug/m³	0.28	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.59	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-25-2	Bromoform	ND		ug/m³	0.92	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
74-83-9	Bromomethane	ND		ug/m³	0.34	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
56-23-5	**Carbon tetrachloride**	**0.33**		ug/m³	0.14	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
67-66-3	Chloroform	ND		ug/m³	0.43	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
74-87-3	**Chloromethane**	**0.95**		ug/m³	0.18	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Air	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.75	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.44	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
141-78-6	*** Ethyl acetate**	**3.6**		ug/m³	0.64	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.38	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.94	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
67-63-0	**Isopropanol**	**1.6**		ug/m³	1.3	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
91-20-3	* Naphthalene	ND		ug/m³	0.93	0.886	EPA TO-15 Certifications: NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
142-82-5	n-Heptane	ND		ug/m³	0.36	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
110-54-3	n-Hexane	ND		ug/m³	0.31	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
95-47-6	o-Xylene	ND		ug/m³	0.38	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.77	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.44	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
115-07-1	*** Propylene**	**0.50**		ug/m³	0.15	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
100-42-5	Styrene	ND		ug/m³	0.38	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
127-18-4	**Tetrachloroethylene**	**2.2**		ug/m³	0.60	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.52	0.886	EPA TO-15 Certifications:	02/20/2025 08:38	02/20/2025 23:07	YR
108-88-3	**Toluene**	**0.67**		ug/m³	0.33	0.886	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/20/2025 23:07	YR

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Air	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.50	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	0.31	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.886	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/20/2025 23:07	YR

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	4.9	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.9	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.9	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.4	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.9	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.9	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.70	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.3	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	3.5	7.088	EPA TO-15 Certifications:	02/20/2025 08:38 NELAC-NY12058,NJDEP-NY037	02/21/2025 08:35	YR

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.4	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.9	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.0	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.5	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
106-99-0	1,3-Butadiene	ND		ug/m³	4.7	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.3	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
123-91-1	1,4-Dioxane	ND		ug/m³	5.1	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	1.7	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
78-93-3	**2-Butanone**	**230**		ug/m³	2.1	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
591-78-6	*** 2-Hexanone**	**23**		ug/m³	5.8	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
107-05-1	3-Chloropropene	ND		ug/m³	11	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.9	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
67-64-1	**Acetone**	**54**		ug/m³	13	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
107-13-1	Acrylonitrile	ND		ug/m³	20	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
71-43-2	Benzene	ND		ug/m³	2.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
100-44-7	Benzyl chloride	ND		ug/m³	3.7	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-27-4	Bromodichloromethane	ND		ug/m³	4.7	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-25-2	Bromoform	ND		ug/m³	7.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
74-83-9	Bromomethane	ND		ug/m³	2.8	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/m³	2.2	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	1.1	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
108-90-7	Chlorobenzene	ND		ug/m³	3.3	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-00-3	Chloroethane	ND		ug/m³	1.9	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
67-66-3	**Chloroform**	**6.2**		ug/m³	3.5	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
74-87-3	Chloromethane	ND		ug/m³	1.5	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
156-59-2	**cis-1,2-Dichloroethylene**	**44**		ug/m³	0.70	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.2	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
110-82-7	Cyclohexane	ND		ug/m³	2.4	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
124-48-1	Dibromochloromethane	ND		ug/m³	6.0	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.5	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
141-78-6	* Ethyl acetate	ND		ug/m³	5.1	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
100-41-4	Ethyl Benzene	ND		ug/m³	3.1	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	7.6	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
67-63-0	Isopropanol	ND		ug/m³	10	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	2.9	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.6	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-09-2	Methylene chloride	ND		ug/m³	15	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
91-20-3	* Naphthalene	ND		ug/m³	7.4	7.088	EPA TO-15 Certifications: NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
142-82-5	n-Heptane	ND		ug/m³	2.9	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
110-54-3	n-Hexane	ND		ug/m³	2.5	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
95-47-6	o-Xylene	ND		ug/m³	3.1	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	6.2	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/m³	3.5	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
115-07-1	*** Propylene**	**24**		ug/m³	1.2	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
100-42-5	Styrene	ND		ug/m³	3.0	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
127-18-4	**Tetrachloroethylene**	**5000**		ug/m³	12	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 01:02	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.2	7.088	EPA TO-15 Certifications:	02/20/2025 08:38	02/21/2025 08:35	YR
108-88-3	Toluene	ND		ug/m³	2.7	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.8	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.2	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
79-01-6	**Trichloroethylene**	**38**		ug/m³	0.95	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.0	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	2.5	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
593-60-2	Vinyl bromide	ND		ug/m³	3.1	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.91	7.088	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	02/20/2025 08:38	02/21/2025 08:35	YR

Analytical Batch Summary

Batch ID: BB51381 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25B0939-01	IA-7 2025-02-14	02/19/25
25B0939-02	IA-8 2025-02-14	02/19/25
25B0939-03	IA-9 2025-02-14	02/19/25
25B0939-04	IA-10 2025-02-14	02/19/25
BB51381-BLK1	Blank	02/19/25
BB51381-BS1	LCS	02/19/25

Batch ID: BB51490 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25B0939-05	OA-2 2025-02-14	02/20/25
25B0939-06	EE-1 2025-02-14	02/20/25
25B0939-06RE1	EE-1 2025-02-14	02/20/25
BB51490-BLK1	Blank	02/20/25
BB51490-BS1	LCS	02/20/25
BB51490-DUP1	Duplicate	02/20/25

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 BB51381 - EPA TO15 PREP											
Blank (BB51381-BLK1)											Prepared & Analyzed: 02/19/2025
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	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
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	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB51381 - EPA TO15 PREP											
Blank (BB51381-BLK1)											Prepared & Analyzed: 02/19/2025
Methylene chloride	ND	2.1	ug/m³								
Naphthalene	ND	1.0	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BB51381-BS1)											Prepared & Analyzed: 02/19/2025
1,1,1,2-Tetrachloroethane	11.4		ppbv	10.0		114	70-130				
1,1,1-Trichloroethane	8.29		"	10.0		82.9	70-130				
1,1,2,2-Tetrachloroethane	12.5		"	10.0		125	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.16		"	10.0		81.6	70-130				
1,1,2-Trichloroethane	11.9		"	10.0		119	70-130				
1,1-Dichloroethane	8.22		"	10.0		82.2	70-130				
1,1-Dichloroethylene	8.37		"	10.0		83.7	70-130				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	70-130				
1,2,4-Trimethylbenzene	13.0		"	10.0		130	70-130				
1,2-Dibromoethane	11.9		"	10.0		119	70-130				
1,2-Dichlorobenzene	12.7		"	10.0		127	70-130				
1,2-Dichloroethane	8.48		"	10.0		84.8	70-130				
1,2-Dichloropropane	12.0		"	10.0		120	70-130				
1,2-Dichlorotetrafluoroethane	7.94		"	10.0		79.4	70-130				
1,3,5-Trimethylbenzene	12.1		"	10.0		121	70-130				
1,3-Butadiene	8.42		"	10.0		84.2	70-130				
1,3-Dichlorobenzene	13.0		"	10.0		130	70-130				
1,3-Dichloropropane	12.4		"	10.0		124	70-130				
1,4-Dichlorobenzene	12.9		"	10.0		129	70-130				
1,4-Dioxane	11.7		"	10.0		117	70-130				
2,2,4-Trimethylpentane	9.39		"	10.0		93.9	70-130				
2-Butanone	8.56		"	10.0		85.6	70-130				
2-Hexanone	12.2		"	10.0		122	70-130				
3-Chloropropene	8.66		"	10.0		86.6	70-130				
4-Methyl-2-pentanone	12.5		"	10.0		125	70-130				
Acetone	7.25		"	10.0		72.5	70-130				
Acrylonitrile	8.57		"	10.0		85.7	70-130				
Benzene	8.34		"	10.0		83.4	70-130				
Benzyl chloride	12.6		"	10.0		126	70-130				
Bromodichloromethane	12.3		"	10.0		123	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB51381 - EPA TO15 PREP											
LCS (BB51381-BS1)								Prepared & Analyzed: 02/19/2025			
Bromoform	12.6		ppbv	10.0		126	70-130				
Bromomethane	11.7		"	10.0		117	70-130				
Carbon disulfide	8.19		"	10.0		81.9	70-130				
Carbon tetrachloride	8.49		"	10.0		84.9	70-130				
Chlorobenzene	11.5		"	10.0		115	70-130				
Chloroethane	8.36		"	10.0		83.6	70-130				
Chloroform	8.42		"	10.0		84.2	70-130				
Chloromethane	8.65		"	10.0		86.5	70-130				
cis-1,2-Dichloroethylene	7.94		"	10.0		79.4	70-130				
cis-1,3-Dichloropropylene	12.4		"	10.0		124	70-130				
Cyclohexane	8.90		"	10.0		89.0	70-130				
Dibromochloromethane	11.7		"	10.0		117	70-130				
Dichlorodifluoromethane	8.27		"	10.0		82.7	70-130				
Ethyl acetate	10.6		"	10.0		106	70-130				
Ethyl Benzene	11.5		"	10.0		115	70-130				
Hexachlorobutadiene	10.6		"	10.0		106	70-130				
Isopropanol	7.08		"	10.0		70.8	70-130				
Methyl Methacrylate	11.4		"	10.0		114	70-130				
Methyl tert-butyl ether (MTBE)	8.26		"	10.0		82.6	70-130				
Methylene chloride	8.49		"	10.0		84.9	70-130				
Naphthalene	12.0		"	10.0		120	70-130				
n-Heptane	8.69		"	10.0		86.9	70-130				
n-Hexane	8.85		"	10.0		88.5	70-130				
o-Xylene	12.1		"	10.0		121	70-130				
p- & m- Xylenes	23.8		"	20.0		119	70-130				
p-Ethyltoluene	12.2		"	10.0		122	70-130				
Propylene	8.55		"	10.0		85.5	70-130				
Styrene	12.5		"	10.0		125	70-130				
Tetrachloroethylene	11.6		"	10.0		116	70-130				
Tetrahydrofuran	8.69		"	10.0		86.9	70-130				
Toluene	11.5		"	10.0		115	70-130				
trans-1,2-Dichloroethylene	8.58		"	10.0		85.8	70-130				
trans-1,3-Dichloropropylene	12.5		"	10.0		125	70-130				
Trichloroethylene	11.4		"	10.0		114	70-130				
Trichlorofluoromethane (Freon 11)	8.05		"	10.0		80.5	70-130				
Vinyl acetate	3.80		"	10.0		38.0	70-130	Low Bias			
Vinyl bromide	8.33		"	10.0		83.3	70-130				
Vinyl Chloride	8.71		"	10.0		87.1	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 BB51490 - EPA TO15 PREP											
Blank (BB51490-BLK1)											
Prepared & Analyzed: 02/20/2025											
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	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
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	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								

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 BB51490 - EPA TO15 PREP											
Blank (BB51490-BLK1)											Prepared & Analyzed: 02/20/2025
Naphthalene	ND	1.0	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BB51490-BS1)											Prepared & Analyzed: 02/20/2025
1,1,1,2-Tetrachloroethane	11.5		ppbv	10.0		115	70-130				
1,1,1-Trichloroethane	8.44		"	10.0		84.4	70-130				
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.00		"	10.0		80.0	70-130				
1,1,2-Trichloroethane	12.0		"	10.0		120	70-130				
1,1-Dichloroethane	8.19		"	10.0		81.9	70-130				
1,1-Dichloroethylene	8.13		"	10.0		81.3	70-130				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	70-130				
1,2,4-Trimethylbenzene	12.6		"	10.0		126	70-130				
1,2-Dibromoethane	12.1		"	10.0		121	70-130				
1,2-Dichlorobenzene	12.8		"	10.0		128	70-130				
1,2-Dichloroethane	8.54		"	10.0		85.4	70-130				
1,2-Dichloropropane	12.0		"	10.0		120	70-130				
1,2-Dichlorotetrafluoroethane	7.62		"	10.0		76.2	70-130				
1,3,5-Trimethylbenzene	12.4		"	10.0		124	70-130				
1,3-Butadiene	7.94		"	10.0		79.4	70-130				
1,3-Dichlorobenzene	12.6		"	10.0		126	70-130				
1,3-Dichloropropane	12.4		"	10.0		124	70-130				
1,4-Dichlorobenzene	12.7		"	10.0		127	70-130				
1,4-Dioxane	12.1		"	10.0		121	70-130				
2,2,4-Trimethylpentane	9.61		"	10.0		96.1	70-130				
2-Butanone	8.66		"	10.0		86.6	70-130				
2-Hexanone	12.3		"	10.0		123	70-130				
3-Chloropropene	8.62		"	10.0		86.2	70-130				
4-Methyl-2-pentanone	12.5		"	10.0		125	70-130				
Acetone	7.09		"	10.0		70.9	70-130				
Acrylonitrile	8.64		"	10.0		86.4	70-130				
Benzene	8.46		"	10.0		84.6	70-130				
Benzyl chloride	12.8		"	10.0		128	70-130				
Bromodichloromethane	12.4		"	10.0		124	70-130				
Bromoform	12.1		"	10.0		121	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 BB51490 - EPA TO15 PREP											
LCS (BB51490-BS1)								Prepared & Analyzed: 02/20/2025			
Bromomethane	11.9		ppbv	10.0		119	70-130				
Carbon disulfide	8.29		"	10.0		82.9	70-130				
Carbon tetrachloride	8.90		"	10.0		89.0	70-130				
Chlorobenzene	11.5		"	10.0		115	70-130				
Chloroethane	8.56		"	10.0		85.6	70-130				
Chloroform	8.44		"	10.0		84.4	70-130				
Chloromethane	8.30		"	10.0		83.0	70-130				
cis-1,2-Dichloroethylene	8.18		"	10.0		81.8	70-130				
cis-1,3-Dichloropropylene	12.3		"	10.0		123	70-130				
Cyclohexane	8.75		"	10.0		87.5	70-130				
Dibromochloromethane	11.9		"	10.0		119	70-130				
Dichlorodifluoromethane	8.28		"	10.0		82.8	70-130				
Ethyl acetate	10.7		"	10.0		107	70-130				
Ethyl Benzene	11.8		"	10.0		118	70-130				
Hexachlorobutadiene	11.2		"	10.0		112	70-130				
Isopropanol	7.03		"	10.0		70.3	70-130				
Methyl Methacrylate	11.6		"	10.0		116	70-130				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	70-130				
Methylene chloride	8.40		"	10.0		84.0	70-130				
Naphthalene	12.1		"	10.0		121	70-130				
n-Heptane	8.79		"	10.0		87.9	70-130				
n-Hexane	8.64		"	10.0		86.4	70-130				
o-Xylene	12.1		"	10.0		121	70-130				
p- & m- Xylenes	23.9		"	20.0		120	70-130				
p-Ethyltoluene	13.0		"	10.0		130	70-130				
Propylene	8.68		"	10.0		86.8	70-130				
Styrene	12.4		"	10.0		124	70-130				
Tetrachloroethylene	11.8		"	10.0		118	70-130				
Tetrahydrofuran	8.58		"	10.0		85.8	70-130				
Toluene	11.6		"	10.0		116	70-130				
trans-1,2-Dichloroethylene	8.57		"	10.0		85.7	70-130				
trans-1,3-Dichloropropylene	12.6		"	10.0		126	70-130				
Trichloroethylene	11.6		"	10.0		116	70-130				
Trichlorofluoromethane (Freon 11)	7.97		"	10.0		79.7	70-130				
Vinyl acetate	3.93		"	10.0		39.3	70-130	Low Bias			
Vinyl bromide	8.26		"	10.0		82.6	70-130				
Vinyl Chloride	8.48		"	10.0		84.8	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB51490 - EPA TO15 PREP											
Duplicate (BB51490-DUP1)	*Source sample: 25B0939-05 (OA-2 2025-02-14)								Prepared: 02/20/2025 Analyzed: 02/21/2025		
1,1,1,2-Tetrachloroethane	ND	0.61	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.48	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.61	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.68	"		ND					25	
1,1,2-Trichloroethane	ND	0.48	"		ND					25	
1,1-Dichloroethane	ND	0.36	"		ND					25	
1,1-Dichloroethylene	ND	0.088	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.66	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.44	"		ND					25	
1,2-Dibromoethane	ND	0.68	"		ND					25	
1,2-Dichlorobenzene	ND	0.53	"		ND					25	
1,2-Dichloroethane	ND	0.36	"		ND					25	
1,2-Dichloropropane	ND	0.41	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.62	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.44	"		ND					25	
1,3-Butadiene	ND	0.59	"		ND					25	
1,3-Dichlorobenzene	ND	0.53	"		ND					25	
1,3-Dichloropropane	ND	0.41	"		ND					25	
1,4-Dichlorobenzene	ND	0.53	"		ND					25	
1,4-Dioxane	ND	0.64	"		ND					25	
2,2,4-Trimethylpentane	ND	0.21	"		ND					25	
2-Butanone	0.34	0.26	"		0.31				8.00	25	
2-Hexanone	ND	0.73	"		ND					25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	ND	0.36	"		ND					25	
Acetone	3.5	1.7	"		3.5				0.00	25	
Acrylonitrile	ND	2.5	"		ND					25	
Benzene	0.45	0.28	"		0.45				0.00	25	
Benzyl chloride	ND	0.46	"		ND					25	
Bromodichloromethane	ND	0.59	"		ND					25	
Bromoform	ND	0.92	"		ND					25	
Bromomethane	ND	0.34	"		ND					25	
Carbon disulfide	ND	0.28	"		ND					25	
Carbon tetrachloride	0.33	0.14	"		0.33				0.00	25	
Chlorobenzene	ND	0.41	"		ND					25	
Chloroethane	ND	0.23	"		ND					25	
Chloroform	ND	0.43	"		ND					25	
Chloromethane	0.97	0.18	"		0.95				1.90	25	
cis-1,2-Dichloroethylene	ND	0.088	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.40	"		ND					25	
Cyclohexane	ND	0.30	"		ND					25	
Dibromochloromethane	ND	0.75	"		ND					25	
Dichlorodifluoromethane	2.0	0.44	"		2.0				0.00	25	
Ethyl acetate	3.5	0.64	"		3.6				1.80	25	
Ethyl Benzene	ND	0.38	"		ND					25	
Hexachlorobutadiene	ND	0.94	"		ND					25	
Isopropanol	1.6	1.3	"		1.6				0.00	25	
Methyl Methacrylate	ND	0.36	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.32	"		ND					25	
Methylene chloride	ND	1.8	"		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 BB51490 - EPA TO15 PREP											
Duplicate (BB51490-DUP1)	*Source sample: 25B0939-05 (OA-2 2025-02-14)								Prepared: 02/20/2025 Analyzed: 02/21/2025		
Naphthalene	ND	0.93	ug/m³		ND					25	
n-Heptane	ND	0.36	"		ND					25	
n-Hexane	ND	0.31	"		ND					25	
o-Xylene	ND	0.38	"		ND					25	
p- & m- Xylenes	ND	0.77	"		ND					25	
p-Ethyltoluene	ND	0.44	"		ND					25	
Propylene	0.50	0.15	"		0.50				0.00	25	
Styrene	ND	0.38	"		ND					25	
Tetrachloroethylene	2.2	0.60	"		2.2				0.00	25	
Tetrahydrofuran	ND	0.52	"		ND					25	
Toluene	0.67	0.33	"		0.67				0.00	25	
trans-1,2-Dichloroethylene	ND	0.35	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.40	"		ND					25	
Trichloroethylene	ND	0.12	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.0	0.50	"		1.0				0.00	25	
Vinyl acetate	ND	0.31	"		ND					25	
Vinyl bromide	ND	0.39	"		ND					25	
Vinyl Chloride	ND	0.11	"		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).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25B0939

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: HydroTech Envir Eng	Company:	Company:
Address: 231 W 29th Street 1104 suite, NY, NY, 10001	Address:	Address:
Phone: 631 241 7160	Phone.:	Phone.:
Contact: Paul Mathi	Contact:	Contact:
E-mail: pmathi@hydrotechenvironmental.com	E-mail:	E-mail:

YOUR Project Number: 240052

YOUR Project Name: 152 Graham Ave Brooklyn

YOUR PO#:

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Matthew Sanchez

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; Other:
CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP
Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in) See RL below

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
IA-7 2025_02_14	2/14/25 1458	AI	-30	-8	28298	19418	TO-15
IA-8	1456	AI	-30	-7	41940	20430	
IA-9	1440	AI	-28	-6	5100	19381	
IA-10	1442	AI	-30	-8	24110	21037	
OA-2	1310	AO	-30	-6	43003	21021	
EE-1	1436	AE	-30	-8	50344	21029	

Comments: Min RL is ≤0.2ug/m³ Matrix A&C ≤1ug/m³ Matrix B

Detection Limits Required
≤ 1 ug/m³ 0.2 NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
HTE	2/14/25 1504		2/14/25 15	Gilbert C.	2/14/25 16:00
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
				1800	2/14/25

ATTACHMENT 5

DUSR REPORT

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

February 27, 2025

Mr. Paul Matli, PhD, PG
Project Manager
HydroTech Environmental Engineering
and Geology, DPC
231 West 29th Street, Suite 1104
New York, NY 10001

Re: Data Validation Report
February 2025 Air/Vapor Sampling Event
Top Hat Cleaners
152 Graham Avenue, Brooklyn, NY

Dear Dr. Matli:

The data usability summary report (DUSR) and data validation summary are attached to this letter for the Top Hat Cleaners project. The data for York Analytical Laboratories, Inc. SDG: 25B0939 are acceptable with some issues that are identified in the validation summary. There were no data that are qualified as rejected, unusable (R) in the data pack.

Attached are lists of data validation acronyms and data qualifiers to assist you in the interpretation of the reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist HydroTech Environmental Engineering and Geology, DPC.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 25B0939

6 Air/Vapor Samples
Collected February 14, 2025

Prepared by: Donald Anné
February 27, 2025

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 6 air/vapor samples analyzed for TO15 volatiles.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the method for TO-15 volatiles.

The data are mostly acceptable with some issues that are identified in the accompanying data validation review. The following data were qualified:

- The "not detected" volatile results for vinyl acetate were qualified as "estimated" (UJ) for all 6 air/vapor samples because percent recoveries for vinyl acetate were below QC limits but not below 25% in the associated vapor/air LCSs.

All data are considered usable, with estimated (UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

z:\projects\2025\25600 - 25620\25610-top hat cleners\temp-review\25b0939.dus.docx

Qualified Data Section

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:58 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.69	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	**1,2,4-Trimethylbenzene**	**7.6**		ug/m³	0.50	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	**1,3,5-Trimethylbenzene**	**2.5**		ug/m³	0.50	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.67	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.73	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.24	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
78-93-3	**2-Butanone**	**1.2**		ug/m³	0.30	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:58 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	1.6	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**8.6**		ug/m³	1.9	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.8	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.68**		ug/m³	0.32	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.52	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.0	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.39	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.38**		ug/m³	0.16	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.27	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**5.9**		ug/m³	0.49	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.21	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.35	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.86	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.50	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	* **Ethyl acetate**	**1.9**		ug/m³	0.73	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**8.1**		ug/m³	1.5	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-7 2025-02-14 **York Sample ID:** 25B0939-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:58 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.1	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.1	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.41	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.35**		ug/m³	0.35	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.0**		ug/m³	0.44	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**7.9**		ug/m³	0.50	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
115-07-1	*** Propylene**	**2.8**		ug/m³	0.17	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	0.43	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**2.9**		ug/m³	0.68	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**0.62**		ug/m³	0.59	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:				
108-88-3	**Toluene**	**1.5**		ug/m³	0.38	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.96**		ug/m³	0.57	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	UJ TO-CCV, TO-LCS-L, ICVE	ug/m³	0.35	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.44	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.007	EPA TO-15	02/19/2025 12:38	02/20/2025 03:17	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.68	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.098	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.73	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	**1,2,4-Trimethylbenzene**	**33**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.76	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	**1,3,5-Trimethylbenzene**	**9.8**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.59	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.71	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.23	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
78-93-3	**2-Butanone**	**0.88**		ug/m³	0.29	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.81	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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**	**3.2**		ug/m³	0.41	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**34**		ug/m³	1.9	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.8	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.54**		ug/m³	0.32	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.66	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.0	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.38	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.37**		ug/m³	0.16	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.26	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**1.8**		ug/m³	0.48	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.20	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.098	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.84	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**3.2**		ug/m³	0.71	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
100-41-4	**Ethyl Benzene**	**0.43**		ug/m³	0.43	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**44**		ug/m³	1.5	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-8 2025-02-14 **York Sample ID:** 25B0939-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:56 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.1	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.41	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.56**		ug/m³	0.35	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**3.1**		ug/m³	0.43	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.5**		ug/m³	0.86	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**33**		ug/m³	0.49	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
115-07-1	*** Propylene**	**2.4**		ug/m³	0.17	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	0.42	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**4.5**		ug/m³	0.67	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.58	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:				
108-88-3	**Toluene**	**1.3**		ug/m³	0.37	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.94**		ug/m³	0.56	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	UJ ICVE, TO-CCV, TO-LCS-L	ug/m³	0.35	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	0.989	EPA TO-15	02/19/2025 12:38	02/20/2025 04:21	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.74	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.096	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.72	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	**1,2,4-Trimethylbenzene**	**4.8**		ug/m³	0.47	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ug/m³	0.47	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.58	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.70	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* **2,2,4-Trimethylpentane**	**0.36**		ug/m³	0.23	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
78-93-3	**2-Butanone**	**0.97**		ug/m³	0.28	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.79	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**27**		ug/m³	1.8	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.7	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.52**		ug/m³	0.31	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.65	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.0	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.37	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.36**		ug/m³	0.15	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.25	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**0.80**		ug/m³	0.47	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.20	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.096	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.33	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**1.8**		ug/m³	0.48	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**5.3**		ug/m³	0.70	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	0.42	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**13**		ug/m³	1.4	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-9 2025-02-14 **York Sample ID:** 25B0939-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:40 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.40	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.34	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.63**		ug/m³	0.42	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.84	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**4.3**		ug/m³	0.47	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
115-07-1	*** Propylene**	**1.7**		ug/m³	0.17	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	0.41	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**1.7**		ug/m³	0.65	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:				
108-88-3	**Toluene**	**1.7**		ug/m³	0.36	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.98**		ug/m³	0.54	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	UJ ICVE, TO-CCV, TO-LCS-L	ug/m³	0.34	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.965	EPA TO-15	02/19/2025 12:38	02/20/2025 05:26	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.81	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.78	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	**1,2,4-Trimethylbenzene**	**6.3**		ug/m³	0.52	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.81	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.74	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	**1,3,5-Trimethylbenzene**	**1.8**		ug/m³	0.52	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.70	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
106-46-7	**1,4-Dichlorobenzene**	**3.2**		ug/m³	0.63	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.76	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.25	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
78-93-3	**2-Butanone**	**1.1**		ug/m³	0.31	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**40**		ug/m³	2.0	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	3.0	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**1.6**		ug/m³	0.34	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.55	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.71	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.1	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.41	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.17	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.28	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**1.9**		ug/m³	0.51	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.22	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.36	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.90	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.52	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**7.9**		ug/m³	0.76	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	0.46	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**25**		ug/m³	1.6	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-10 2025-02-14 **York Sample ID:** 25B0939-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Indoor Ambient Air	February 14, 2025 2:42 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.2	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.1	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.43	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.41**		ug/m³	0.37	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.69**		ug/m³	0.46	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**0.91**		ug/m³	0.91	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**5.6**		ug/m³	0.52	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
115-07-1	*** Propylene**	**3.3**		ug/m³	0.18	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
100-42-5	**Styrene**	**0.54**		ug/m³	0.45	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**1.9**		ug/m³	0.71	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.62	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:				
108-88-3	**Toluene**	**4.1**		ug/m³	0.40	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.59	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	UJ ICVE, TO-CCV, TO-LCS-L	ug/m³	0.37	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.053	EPA TO-15	02/19/2025 12:38	02/20/2025 06:30	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Ai	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.48	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.66	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.44	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.53	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.62	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.53	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.53	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.21	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
78-93-3	**2-Butanone**	**0.31**		ug/m³	0.26	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Ai	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**3.5**		ug/m³	1.7	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.5	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.45**		ug/m³	0.28	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.59	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.92	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.34	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.33**		ug/m³	0.14	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.23	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.43	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.95**		ug/m³	0.18	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.75	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.44	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**3.6**		ug/m³	0.64	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	0.38	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.94	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**1.6**		ug/m³	1.3	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OA-2 2025-02-14 **York Sample ID:** 25B0939-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Outdoor Ambient Ai	February 14, 2025 1:10 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	0.93	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.36	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.31	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.38	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.77	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.44	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
115-07-1	*** Propylene**	**0.50**		ug/m³	0.15	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	0.38	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**2.2**		ug/m³	0.60	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.52	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:				
108-88-3	**Toluene**	**0.67**		ug/m³	0.33	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.50	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	UJ ICVE, TO-LC S-L	ug/m³	0.31	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.886	EPA TO-15	02/20/2025 08:38	02/20/2025 23:07	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	4.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.4	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.70	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	3.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.4	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.0	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	4.7	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	5.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	1.7	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
78-93-3	**2-Butanone**	**230**		ug/m³	2.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	***2-Hexanone**	**23**		ug/m³	5.8	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	11	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared 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	2.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**54**		ug/m³	13	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	20	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	2.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	3.7	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	4.7	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	7.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	2.8	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	2.2	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	1.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	3.3	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	1.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**6.2**		ug/m³	3.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	Chloromethane	ND		ug/m³	1.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**44**		ug/m³	0.70	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.2	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	2.4	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	6.0	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	5.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	3.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	7.6	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	Isopropanol	ND		ug/m³	10	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	2.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EE-1 2025-02-14 **York Sample ID:** 25B0939-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B0939	240052 152 Graham Ave, Brooklyn	Vapor Extraction	February 14, 2025 2:36 pm	02/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.6	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	15	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	7.4	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	2.9	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	2.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	3.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	6.2	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	3.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
115-07-1	*** Propylene**	**24**		ug/m³	1.2	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	3.0	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**5000**		ug/m³	12	17.72	EPA TO-15	02/20/2025 08:38	02/21/2025 01:02	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.2	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:				
108-88-3	Toluene	ND		ug/m³	2.7	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.8	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.2	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**38**		ug/m³	0.95	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.0	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	UJ ICVE, TO-LCS-L	ug/m³	2.5	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	3.1	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.91	7.088	EPA TO-15	02/20/2025 08:38	02/21/2025 08:35	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO-15 Volatiles Data
for York Analytical Laboratories, Inc., SDG: 25B0939

6 Air/Vapor Samples
Collected February 14, 2025

Prepared by: Donald Anné
February 27, 2025

Holding Times: Samples were analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSD for 1,2,4-trichlorobenzene and methylene chloride were above the allowable maximum (30%) for TO15 AIR2 on 10-17-24. Positive results for isopropanol should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for vinyl acetate was above the allowable maximum (30%) on 02-19-25 (TQ231552.D). Positive results for vinyl acetate should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries for vinyl acetate were below QC limits, but not below 25% for air/vapor samples BB51381-BS1 and BB51490-BS1. The positive results for vinyl acetate should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated air/soil vapor samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
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Laboratory Duplicate Sample: The relative percent differences for applicable compounds were below the allowable maximum (25%) for air/vapor sample OA-2 2025-02-14, as required.

Canister Pressure: The laboratory reported "received" pressure for soil gas samples were below zero (residual vacuum), as required.

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Matrix:	Air		
Batch:	BB51381	Laboratory ID:	BB51381-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	11.4	114	70 - 130
1,1,1-Trichloroethane	10.0	8.29	82.9	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.5	125	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.16	81.6	70 - 130
1,1,2-Trichloroethane	10.0	11.9	119	70 - 130
1,1-Dichloroethane	10.0	8.22	82.2	70 - 130
1,1-Dichloroethylene	10.0	8.37	83.7	70 - 130
1,2,4-Trichlorobenzene	10.0	10.6	106	70 - 130
1,2,4-Trimethylbenzene	10.0	13.0	130	70 - 130
1,2-Dibromoethane	10.0	11.9	119	70 - 130
1,2-Dichlorobenzene	10.0	12.7	127	70 - 130
1,2-Dichloroethane	10.0	8.48	84.8	70 - 130
1,2-Dichloropropane	10.0	12.0	120	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	7.94	79.4	70 - 130
1,3,5-Trimethylbenzene	10.0	12.1	121	70 - 130
1,3-Butadiene	10.0	8.42	84.2	70 - 130
1,3-Dichlorobenzene	10.0	13.0	130	70 - 130
1,3-Dichloropropane	10.0	12.4	124	70 - 130
1,4-Dichlorobenzene	10.0	12.9	129	70 - 130
1,4-Dioxane	10.0	11.7	117	70 - 130
2,2,4-Trimethylpentane	10.0	9.39	93.9	70 - 130
2-Butanone	10.0	8.56	85.6	70 - 130
2-Hexanone	10.0	12.2	122	70 - 130
3-Chloropropene	10.0	8.66	86.6	70 - 130
4-Methyl-2-pentanone	10.0	12.5	125	70 - 130
Acetone	10.0	7.25	72.5	70 - 130
Acrylonitrile	10.0	8.57	85.7	70 - 130
Benzene	10.0	8.34	83.4	70 - 130
Benzyl chloride	10.0	12.6	126	70 - 130
Bromodichloromethane	10.0	12.3	123	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Matrix:	Air		
Batch:	BB51381	Laboratory ID:	BB51381-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	12.6	126	70 - 130
Bromomethane	10.0	11.7	117	70 - 130
Carbon disulfide	10.0	8.19	81.9	70 - 130
Carbon tetrachloride	10.0	8.49	84.9	70 - 130
Chlorobenzene	10.0	11.5	115	70 - 130
Chloroethane	10.0	8.36	83.6	70 - 130
Chloroform	10.0	8.42	84.2	70 - 130
Chloromethane	10.0	8.65	86.5	70 - 130
cis-1,2-Dichloroethylene	10.0	7.94	79.4	70 - 130
cis-1,3-Dichloropropylene	10.0	12.4	124	70 - 130
Cyclohexane	10.0	8.90	89.0	70 - 130
Dibromochloromethane	10.0	11.7	117	70 - 130
Dichlorodifluoromethane	10.0	8.27	82.7	70 - 130
Ethyl acetate	10.0	10.6	106	70 - 130
Ethyl Benzene	10.0	11.5	115	70 - 130
Hexachlorobutadiene	10.0	10.6	106	70 - 130
Isopropanol	10.0	7.08	70.8	70 - 130
Methyl Methacrylate	10.0	11.4	114	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	8.26	82.6	70 - 130
Methylene chloride	10.0	8.49	84.9	70 - 130
Naphthalene	10.0	12.0	120	70 - 130
n-Heptane	10.0	8.69	86.9	70 - 130
n-Hexane	10.0	8.85	88.5	70 - 130
o-Xylene	10.0	12.1	121	70 - 130
p- & m- Xylenes	20.0	23.8	119	70 - 130
p-Ethyltoluene	10.0	12.2	122	70 - 130
Propylene	10.0	8.55	85.5	70 - 130
Styrene	10.0	12.5	125	70 - 130
Tetrachloroethylene	10.0	11.6	116	70 - 130
Tetrahydrofuran	10.0	8.69	86.9	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Matrix:	Air		
Batch:	BB51381	Laboratory ID:	BB51381-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.5	115	70 - 130
trans-1,2-Dichloroethylene	10.0	8.58	85.8	70 - 130
trans-1,3-Dichloropropylene	10.0	12.5	125	70 - 130
Trichloroethylene	10.0	11.4	114	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	8.05	80.5	70 - 130
Vinyl acetate	10.0	3.80	38.0 *	70 - 130
Vinyl bromide	10.0	8.33	83.3	70 - 130
Vinyl Chloride	10.0	8.71	87.1	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Matrix:	Air		
Batch:	BB51490	Laboratory ID:	BB51490-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	11.5	115	70 - 130
1,1,1-Trichloroethane	10.0	8.44	84.4	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.1	121	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.00	80.0	70 - 130
1,1,2-Trichloroethane	10.0	12.0	120	70 - 130
1,1-Dichloroethane	10.0	8.19	81.9	70 - 130
1,1-Dichloroethylene	10.0	8.13	81.3	70 - 130
1,2,4-Trichlorobenzene	10.0	11.0	110	70 - 130
1,2,4-Trimethylbenzene	10.0	12.6	126	70 - 130
1,2-Dibromoethane	10.0	12.1	121	70 - 130
1,2-Dichlorobenzene	10.0	12.8	128	70 - 130
1,2-Dichloroethane	10.0	8.54	85.4	70 - 130
1,2-Dichloropropane	10.0	12.0	120	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	7.62	76.2	70 - 130
1,3,5-Trimethylbenzene	10.0	12.4	124	70 - 130
1,3-Butadiene	10.0	7.94	79.4	70 - 130
1,3-Dichlorobenzene	10.0	12.6	126	70 - 130
1,3-Dichloropropane	10.0	12.4	124	70 - 130
1,4-Dichlorobenzene	10.0	12.7	127	70 - 130
1,4-Dioxane	10.0	12.1	121	70 - 130
2,2,4-Trimethylpentane	10.0	9.61	96.1	70 - 130
2-Butanone	10.0	8.66	86.6	70 - 130
2-Hexanone	10.0	12.3	123	70 - 130
3-Chloropropene	10.0	8.62	86.2	70 - 130
4-Methyl-2-pentanone	10.0	12.5	125	70 - 130
Acetone	10.0	7.09	70.9	70 - 130
Acrylonitrile	10.0	8.64	86.4	70 - 130
Benzene	10.0	8.46	84.6	70 - 130
Benzyl chloride	10.0	12.8	128	70 - 130
Bromodichloromethane	10.0	12.4	124	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Matrix:	Air		
Batch:	BB51490	Laboratory ID:	BB51490-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	12.1	121	70 - 130
Bromomethane	10.0	11.9	119	70 - 130
Carbon disulfide	10.0	8.29	82.9	70 - 130
Carbon tetrachloride	10.0	8.90	89.0	70 - 130
Chlorobenzene	10.0	11.5	115	70 - 130
Chloroethane	10.0	8.56	85.6	70 - 130
Chloroform	10.0	8.44	84.4	70 - 130
Chloromethane	10.0	8.30	83.0	70 - 130
cis-1,2-Dichloroethylene	10.0	8.18	81.8	70 - 130
cis-1,3-Dichloropropylene	10.0	12.3	123	70 - 130
Cyclohexane	10.0	8.75	87.5	70 - 130
Dibromochloromethane	10.0	11.9	119	70 - 130
Dichlorodifluoromethane	10.0	8.28	82.8	70 - 130
Ethyl acetate	10.0	10.7	107	70 - 130
Ethyl Benzene	10.0	11.8	118	70 - 130
Hexachlorobutadiene	10.0	11.2	112	70 - 130
Isopropanol	10.0	7.03	70.3	70 - 130
Methyl Methacrylate	10.0	11.6	116	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	8.30	83.0	70 - 130
Methylene chloride	10.0	8.40	84.0	70 - 130
Naphthalene	10.0	12.1	121	70 - 130
n-Heptane	10.0	8.79	87.9	70 - 130
n-Hexane	10.0	8.64	86.4	70 - 130
o-Xylene	10.0	12.1	121	70 - 130
p- & m- Xylenes	20.0	23.9	120	70 - 130
p-Ethyltoluene	10.0	13.0	130	70 - 130
Propylene	10.0	8.68	86.8	70 - 130
Styrene	10.0	12.4	124	70 - 130
Tetrachloroethylene	10.0	11.8	118	70 - 130
Tetrahydrofuran	10.0	8.58	85.8	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Matrix:	Air		
Batch:	BB51490	Laboratory ID:	BB51490-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.6	116	70 - 130
trans-1,2-Dichloroethylene	10.0	8.57	85.7	70 - 130
trans-1,3-Dichloropropylene	10.0	12.6	126	70 - 130
Trichloroethylene	10.0	11.6	116	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	7.97	79.7	70 - 130
Vinyl acetate	10.0	3.93	39.3 *	70 - 130
Vinyl bromide	10.0	8.26	82.6	70 - 130
Vinyl Chloride	10.0	8.48	84.8	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25B0939
Client: Hydro Tech Environmental
Project: 240052 152 Graham Ave, Brooklyn
Calibration: SK40005
Instrument: TO15_AIR2
Calibration Date: 10/17/24 12:25

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5170378	7.119496	18.98275	1.982794E-02			30	
1,1,1-Trichloroethane	2.600583	5.50249	12.4145	4.815701E-02			30	
1,1,2,2-Tetrachloroethane	0.8840823	8.961761	20.8075	1.621794E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.599818	3.361914	8.15275	0.1609762			30	
1,1,2-Trichloroethane	0.3566201	11.55978	16.80875	8.89961E-03			30	
1,1-Dichloroethane	2.109714	4.381174	10.38975	8.100798E-02			30	
1,1-Dichloroethylene	1.920915	4.107586	8.386	0.1582692			30	
1,2,4-Trichlorobenzene	0.6314295	34.97947	27.03275	3.098244E-02		0.9998894	0.99	
1,2,4-Trimethylbenzene	1.337922	14.62126	22.54125	1.870093E-02			30	
1,2-Dibromoethane	0.5555374	12.572	18.1295	9.995063E-03			30	
1,2-Dichlorobenzene	0.9050625	18.34206	24.279	2.008209E-02			30	
1,2-Dichloroethane	1.693935	5.160999	12.97313	3.635148E-02			30	
1,2-Dichloropropane	0.2833975	6.185332	14.40075	3.398014E-02			30	
1,2-Dichlorotetrafluoroethane	3.973831	4.180102	5.181625	0.3052218			30	
1,3,5-Trimethylbenzene	1.334982	13.31991	21.7055	1.087654E-02			30	
1,3-Butadiene	1.339246	8.672628	5.74425	0.3039239			30	
1,3-Dichlorobenzene	0.924512	21.03149	23.38375	1.556034E-02			30	
1,3-Dichloropropane	0.4360727	7.569366	17.2395	0.0293792			30	
1,4-Dichlorobenzene	0.9528452	18.89761	23.575	2.204868E-02			30	
1,4-Dioxane	0.1752603	6.260141	14.7355	5.529587E-02			30	
2,2,4-Trimethylpentane	4.827598	5.775979	12.739	3.687559E-02			30	
2-Butanone	2.290138	7.369575	11.016	0.1184854			30	
2-Hexanone	0.6008165	12.62426	16.81813	4.217738E-02			30	
3-Chloropropene	1.142609	3.069481	8.979625	0.1052464			30	
4-Methyl-2-pentanone	0.5816266	6.905102	16.11825	2.409693E-02			30	
Acetone	2.056893	22.67144	8.03475	0.2846065			30	
Acrolein	0.4465006	5.396675	7.92375	0.3205779			30	
Acrylonitrile	0.7982453	3.169384	9.243375	0.1837017			30	
Benzene	3.814842	5.145736	13.1035	3.156042E-02			30	
Benzyl chloride	1.082613	23.50521	23.72475	2.389828E-02			30	
Bromodichloromethane	0.575217	7.684974	14.77275	2.289346E-02			30	
Bromoform	0.6422431	12.6587	20.55475	1.542473E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25B0939
Client: Hydro Tech Environmental
Project: 240052 152 Graham Ave, Brooklyn
Calibration: SK40005
Instrument: TO15_AIR2
Calibration Date: 10/17/24 12:25

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromomethane	1.166646	6.714579	6.532875	0.2532035			30	
Carbon disulfide	3.343189	4.335159	9.2565	9.636865E-02			30	
Carbon tetrachloride	2.235372	11.27659	12.89044	2.465406E-02			30	
Chlorobenzene	0.9587582	3.674081	18.93375	1.531167E-02			30	
Chloroethane	0.4647031	5.183252	6.709625	0.2482468			30	
Chloroform	2.663539	4.625741	11.66375	6.061337E-02			30	
Chloromethane	1.494402	11.3657	5.39525	0.3978339			30	
cis-1,2-Dichloroethylene	1.708767	3.991764	11.3894	5.177824E-02			30	
cis-1,3-Dichloropropylene	0.4273941	8.100665	15.68112	2.933546E-02			30	
Cyclohexane	1.576505	3.290352	12.58113	0.0628077			30	
Dibromochloromethane	0.374688	10.95415	17.55275	2.434902E-02			30	
Dichlorodifluoromethane	3.274785	3.363161	4.907375	0.3804712			30	
Ethanol							30	
Ethyl acetate	2.682466	6.891134	11.31613	0.1173394			30	
Ethyl Benzene	1.497347	7.196709	19.04125	1.924796E-02			30	
Hexachlorobutadiene	0.6650759	19.61899	27.29775	2.041159E-02			30	
Isopropanol	2.233259	9.823142	7.823125	0.2685696			30	
Isopropylbenzene	1.60202	10.27017	20.63088	2.718762E-02			30	
Methyl Methacrylate	0.2748883	8.567601	14.42238	4.844851E-02			30	
Methyl tert-butyl ether (MTBE)	3.188118	5.908206	9.539875	0.1508964			30	
Methylene chloride	1.781191	42.92587	9.13225	0.1160795		0.9999158	0.99	
Naphthalene	1.524569	27.76833	27.43037	4.496998E-02			30	
n-Butylbenzene	1.512091	18.65745	24.01325	0.0174375			30	
n-Heptane	1.996446	7.768413	13.11625	3.625569E-02			30	
n-Hexane	1.503098	4.795108	10.0155	6.129077E-02			30	
n-Propylbenzene	1.965078	12.5342	21.396	1.863255E-02			30	
o-Xylene	1.178269	10.68319	19.97275	1.600667E-02			30	
p- & m- Xylenes	1.189347	9.857911	19.1875	9.714103E-03			30	
p-Ethyltoluene	1.598936	14.71824	21.61875	1.520685E-02			30	
p-Isopropyltoluene	1.572078	16.16281	23.21012	2.461817E-02			30	
Propylene	0.505663	8.139541	4.837375	0.46227			30	
sec-Butylbenzene	1.932043	14.71272	22.9395	2.031795E-02			30	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Calibration:	SK40005	Instrument:	TO15_AIR2
		Calibration Date:	10/17/24 12:25

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Styrene	0.9089661	18.30818	19.99387	1.347452E-02			30	
tert-Butylbenzene	1.373393	13.84364	22.46675	1.331503E-02			30	
Tetrachloroethylene	0.5222317	10.63917	17.55125	2.616658E-02			30	
Tetrahydrofuran	1.227546	5.174774	11.99888	9.831159E-02			30	
Toluene	1.025316	5.199069	16.34575	2.744483E-02			30	
trans-1,2-Dichloroethylene	1.640381	6.204888	9.73325	0.1072228			30	
trans-1,3-Dichloropropylene	0.3878444	9.396767	16.51412	0.041837			30	
Trichloroethylene	0.3614882	5.667411	14.16633	3.573296E-02			30	
Trichlorofluoromethane (Freon 11)	3.220582	3.788305	7.28125	0.1894034			30	
Vinyl acetate	2.753207	8.128069	10.3575	0.1343098			30	
Vinyl bromide	1.078394	4.535561	7.164625	0.1823799			30	
Vinyl Chloride	1.760484	8.174571	5.664556	0.3926541			30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Instrument ID:	TO15_AIR2	Calibration:	SK40005
Lab File ID:	TQ231552.D	Calibration Date:	10/17/24 12:25
Sequence:	S5B2018	Injection Date:	02/19/25
Lab Sample ID:	S5B2018-CCV1	Injection Time:	12:59

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	10.0	10.2	0.5170378	0.525179		1.6	30
1,1,1-Trichloroethane	A	10.0	7.83	2.600583	2.035878		-21.7	30
1,1,2,2-Tetrachloroethane	A	10.0	11.1	0.8840823	0.9851484		11.4	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	7.70	2.599818	2.002023		-23.0	30
1,1,2-Trichloroethane	A	10.0	11.1	0.3566201	0.3969948		11.3	30
1,1-Dichloroethane	A	10.0	8.23	2.109714	1.735268		-17.7	30
1,1-Dichloroethylene	A	10.0	8.06	1.920915	1.548118		-19.4	30
1,2,4-Trichlorobenzene	A	10.0	8.98	0.6314295	0.6026288		-10.2	30
1,2,4-Trimethylbenzene	A	10.0	11.8	1.337922	1.571855		17.5	30
1,2-Dibromoethane	A	10.0	11.4	0.5555374	0.6346948		14.2	30
1,2-Dichlorobenzene	A	10.0	11.3	0.9050625	1.023351		13.1	30
1,2-Dichloroethane	A	10.0	8.20	1.693935	1.389841		-18.0	30
1,2-Dichloropropane	A	10.0	11.5	0.2833975	0.3249272		14.7	30
1,2-Dichlorotetrafluoroethane	A	10.0	7.41	3.973831	2.945796		-25.9	30
1,3,5-Trimethylbenzene	A	10.0	11.5	1.334982	1.531514		14.7	30
1,3-Butadiene	A	10.0	7.73	1.339246	1.035791		-22.7	30
1,3-Dichlorobenzene	A	10.0	11.4	0.924512	1.056309		14.3	30
1,3-Dichloropropane	A	10.0	12.0	0.4360727	0.525415		20.5	30
1,4-Dichlorobenzene	A	10.0	11.5	0.9528452	1.091886		14.6	30
1,4-Dioxane	A	10.0	10.5	0.1752603	0.1847454		5.4	30
2,2,4-Trimethylpentane	A	10.0	8.74	4.827598	4.219017		-12.6	30
2-Butanone	A	10.0	8.51	2.290138	1.948423		-14.9	30
2-Hexanone	A	10.0	11.8	0.6008165	0.7091483		18.0	30
3-Chloropropene	A	10.0	8.25	1.142609	0.942595		-17.5	30
4-Methyl-2-pentanone	A	10.0	12.0	0.5816266	0.6961064		19.7	30
Acetone	A	10.0	7.19	2.056893	1.47939		-28.1	30
Acrylonitrile	A	10.0	8.09	0.7982453	0.6453899		-19.1	30
Benzene	A	10.0	8.08	3.814842	3.082683		-19.2	30
Benzyl chloride	A	10.0	11.6	1.082613	1.257332		16.1	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Instrument ID:	TO15_AIR2	Calibration:	SK40005
Lab File ID:	TQ231552.D	Calibration Date:	10/17/24 12:25
Sequence:	S5B2018	Injection Date:	02/19/25
Lab Sample ID:	S5B2018-CCV1	Injection Time:	12:59

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromodichloromethane	A	10.0	11.3	0.575217	0.6495879		12.9	30
Bromoform	A	10.0	8.85	0.6422431	0.5683655		-11.5	30
Bromomethane	A	10.0	9.33	1.166646	1.089056		-6.7	30
Carbon disulfide	A	10.0	7.95	3.343189	2.657593		-20.5	30
Carbon tetrachloride	A	10.0	8.04	2.235372	1.762975		-21.1	30
Chlorobenzene	A	10.0	10.6	0.9587582	1.013147		5.7	30
Chloroethane	A	10.0	7.85	0.4647031	0.3648719		-21.5	30
Chloroform	A	10.0	8.08	2.663539	2.153408		-19.2	30
Chloromethane	A	10.0	8.01	1.494402	1.196324		-19.9	30
cis-1,2-Dichloroethylene	A	10.0	7.77	1.708767	1.327734		-22.3	30
cis-1,3-Dichloropropylene	A	10.0	11.6	0.4273941	0.4976711		16.4	30
Cyclohexane	A	10.0	8.43	1.576505	1.329122		-15.7	30
Dibromochloromethane	A	10.0	11.9	0.374688	0.446847		19.3	30
Dichlorodifluoromethane	A	10.0	7.50	3.274785	2.457392		-25.0	30
Ethyl acetate	A	10.0	8.43	2.682466	2.261574		-15.7	30
Ethyl Benzene	A	10.0	10.7	1.497347	1.597233		6.7	30
Hexachlorobutadiene	A	10.0	9.13	0.6650759	0.6070844		-8.7	30
Isopropanol	A	10.0	7.49	2.233259	1.672068		-25.1	30
Methyl Methacrylate	A	10.0	11.5	0.2748883	0.3150579		14.6	30
Methyl tert-butyl ether (MTBE)	A	10.0	8.08	3.188118	2.574919		-19.2	30
Methylene chloride	A	10.0	8.03	1.781191	1.078503		-19.7	30
Naphthalene	A	10.0	9.38	1.524569	1.429433		-6.2	30
n-Heptane	A	10.0	8.38	1.996446	1.673505		-16.2	30
n-Hexane	A	10.0	8.33	1.503098	1.251461		-16.7	30
o-Xylene	A	10.0	11.2	1.178269	1.321365		12.1	30
p- & m- Xylenes	A	20.0	21.7	1.189347	1.287957		8.3	30
p-Ethyltoluene	A	10.0	12.1	1.598936	1.932733		20.9	30
Propylene	A	10.0	7.54	0.505663	0.381218		-24.6	30
Styrene	A	10.0	11.5	0.9089661	1.048026		15.3	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25B0939
Client:	Hydro Tech Environmental	Project:	240052 152 Graham Ave, Brooklyn
Instrument ID:	TO15_AIR2	Calibration:	SK40005
Lab File ID:	TQ231552.D	Calibration Date:	10/17/24 12:25
Sequence:	S5B2018	Injection Date:	02/19/25
Lab Sample ID:	S5B2018-CCV1	Injection Time:	12:59

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	11.8	0.5222317	0.6154335		17.8	30	
Tetrahydrofuran	A	10.0	8.46	1.227546	1.038686		-15.4	30	
Toluene	A	10.0	11.2	1.025316	1.146123		11.8	30	
trans-1,2-Dichloroethylene	A	10.0	8.26	1.640381	1.355257		-17.4	30	
trans-1,3-Dichloropropylene	A	10.0	11.9	0.3878444	0.4619492		19.1	30	
Trichloroethylene	A	10.0	11.1	0.3614882	0.4013073		11.0	30	
Trichlorofluoromethane (Freon 11)	A	10.0	7.57	3.220582	2.438238		-24.3	30	
Vinyl acetate	A	10.0	6.65	2.753207	1.832132		-33.5	30	*
Vinyl bromide	A	10.0	7.62	1.078394	0.821523		-23.8	30	
Vinyl Chloride	A	10.0	8.25	1.760484	1.415878		-19.6	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

ATTACHMENT 6

NYSDOH QUESTIONNAIRE

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Matthew Sanchez Date/Time Prepared 2/14/25

Preparer's Affiliation Consultant (HTE) Phone No. _____

Purpose of Investigation SSDS Monitoring

1. OCCUPANT:

Interviewed: (Y) / N

Last Name: _____ First Name: Emily

Address: 152 Graham Ave, 3rd Floor

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: (Y) / N

Last Name: _____ First Name: Danny

Address: 152 Graham Ave, Bushwick Green Cleaners

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) School (Commercial/Multi-use)
Industrial Church Other: _____

roperty is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: Walk up apartment

If multiple units, how many? 3

If the property is commercial, type?

Business Type(s) Dry Cleaner (Bushwick Green Cleaners)

Does it include residences (i.e., multi-use)? (Y) / N If yes, how many? 3

Other characteristics:

Number of floors 3 Building age 80+

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Stair Case

Airflow near source

Staircase

Outdoor air infiltration

Basement = sidewalk gatedoors
1st Floor = Front and back doors
2nd & 3rd Floor = Windows in the front and rear of the building

Infiltration into air ducts

N/A

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 7 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

fine cracks in the basement slab (aprox 18 inches)

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other _____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

N/A

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	partial basement (boiler room & meter room)
1st Floor	dry cleaners, backyard (slab on grade)
2nd Floor	2 residential units
3rd Floor	1 residential unit
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?_____

g. Is there smoking in the building? (Y) / N How frequently? Daily use

h. Have cleaning products been used recently? (Y) / N When & Type? Daily use; Detergents, Chlorox, All purpose

i. Have cosmetic products been used recently? (Y) / N When & Type? Daily use; residental

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? roof

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? roof

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? (Y) / N
If yes, please describe: cleaning products on 1st floor, smoking in 3rd floor appartment

Do any of the building occupants use solvents at work? (Y) / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Detergent, Bleach, Ammonia, Chlorox,

If yes, are their clothes washed at work? (Y) / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)	No
Yes, use dry-cleaning infrequently (monthly or less)	Unknown
(Yes, work at a dry-cleaning service)	

Is there a radon mitigation system for the building/structure? (Y) / N Date of Installation: January 2021
Is the system active or passive? (Active)/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

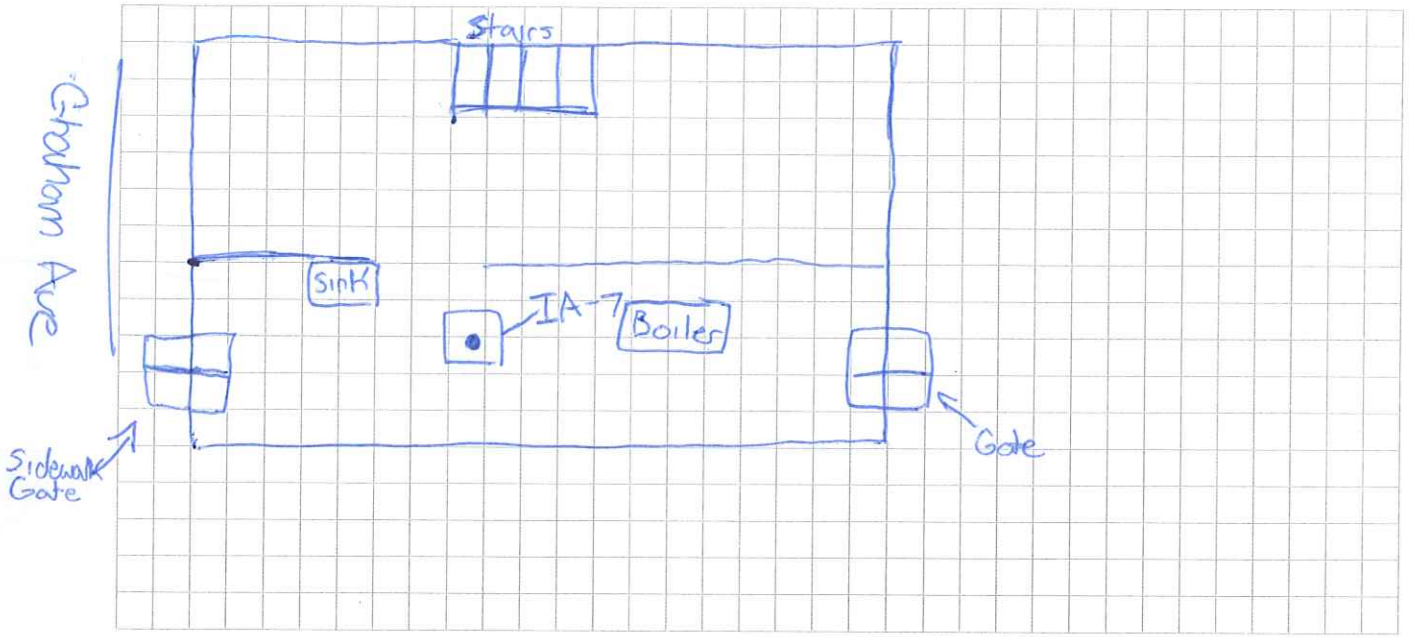
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

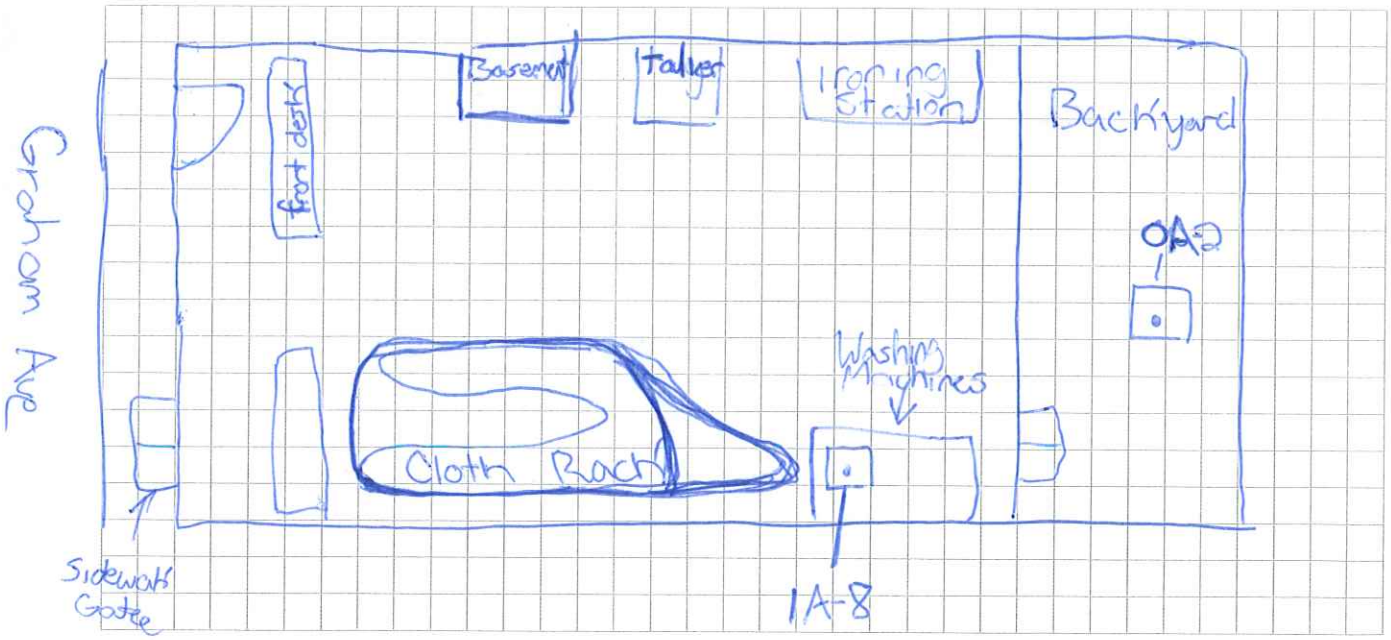
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



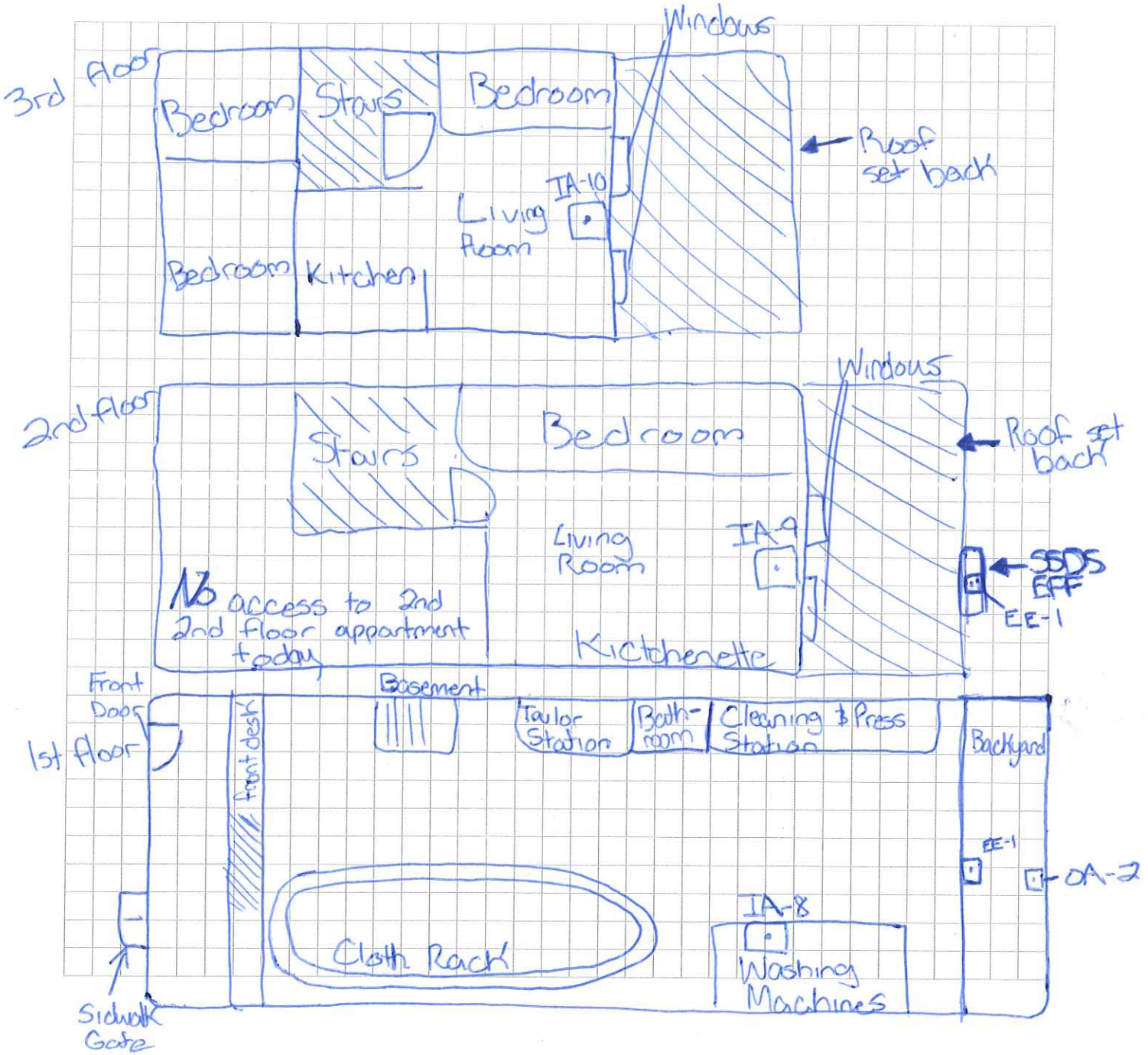
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Minirae lite S/N:590-904902

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
1st floor	Laundry Detergent	1 gal (20units)	UO/U	Rama (phosphate-free) Ultra Aura, Tide (original) WKS Encore, Linen Wash, WKS Hydrocare	0.0ppm	Y
	Stain Remover	1 gal (5units)	UO/U	Clorox, Oxi Clean, 3% WKS shot spot Hydrogen Peroxide, WKS Buzyme	0.0ppm	Y
	Multi Purpose Cleaners	1 gal (8)	UO/U	DCS Taskmaster, Lestoil, Clear Ammonia	0.0ppm	Y
	Cloth Deodorizers	1 gal (5)	UO/U	DCS P.O.G., Citrex, Pyratex LV, WKS Ink Go, Rust Go	0.0ppm	Y
	Ironing Spray	12 oz (4)	U	Faultless Niagara	0.0ppm	Y
	Air freshner spray	12 oz (2)	U	Wizard double action 2 in 1	0.0ppm	Y
2nd floor	Perfumes/Household Cleaners	12 oz (2)	U	"cleaned appartment a couple of day ago"	0.0ppm	Y
3rd floor	Smoking Tray	N/A	U	smoking odor observed in appartment	0.0ppm	Y
Basement	None	N/A	N/A	N/A	N/A	N/A

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.