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July 1, 2025
File No.: 41.0163281.10

Ms. Marlen Salazar
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101

Re: Soil Vapor Intrusion Investigation Report
1107 Dekalb Avenue
Brooklyn, New York 11221
NYSDEC BCP Site No. C224176

Dear Ms. Salazar:

GZA GeoEnvironmental of New York, Inc. (GZA) is pleased to submit this Soil Vapor Intrusion Investigation Report (SVI Report) for the above-referenced property (Site). The Site is in the site management phase of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), NYSDEC Site No. C224176 and was remediated in accordance with Brownfield Cleanup Agreement (BCA) No. C224176-05-13.

**BACKGROUND**

The Site is approximately 0.22-acres and is identified on the Kings County Tax Map as Block 1600 – Lot 7521. It is located on the northeast corner of DeKalb Avenue and Malcolm X Boulevard. A Site Location Map is included as **Figure 1**. The Site is currently improved with an 8-story mixed-use building with a partial below grade cellar that includes storage, mechanical rooms, and retail/commercial space. A Site Plan is included as **Figure 2.**

The Site is currently implementing the approved Site Management Plan (SMP), dated December 2019, prepared by AMC Engineering PLLC (AMC). The purpose of the Soil Vapor Intrusion (SVI) investigation was to determine if the existing Soil Vapor Extraction (SVE) system can be shut down. The Sub-Slab Depressurization System (SSDS) will remain active at the Site to mitigate the potential for soil vapor intrusion. This report presents GZA's field observations, sampling results, and findings.

The SVI Report was prepared in general accordance with the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (SVI Guidance), dated October 2006, amended May 2017 and February 2024. The SVI Investigation was conducted in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved SVI Work Plan (SVIWP) dated February 2025 (see **Appendix A**).

Based on the results of the SVI investigation and pre-carbon/influent SVE system soil vapor data, GZA will evaluate the results to see if the SVE can be shut down, leaving the SSDS as the sole form of vapor mitigation.

**ENGINEERING CONTROLS**

Engineering controls installed at the Site pertinent to this SVI Report are as follows.

*Onsite SVE System*
The onsite SVE system was installed in December 2017 to remediate the petroleum contaminated soil in the unsaturated zone beneath the building. The layout of the SVE system is shown in **Figure 3**.

The SVE system effluent, both before and after treatment, is sampled on a quarterly basis. Initial concentrations in the influent air samples reported a total Petroleum-related Volatile Organic Compounds (PVOC) concentration of 162,139.11 micrograms per cubic meter (µg/m3), a total Chlorinated VOC (CVOC) concentration of 3,592.66 µg/m3 and a total VOC concentration of 165,731.77 µg/m3. A significant and steady decrease in total VOC concentrations have continued over time.

The January, June, and September 2024 influent analytical results reported total PVOC concentrations ranging from 3.56 µg/m3 – 8.00 ug/m3, total CVOC concentrations ranging from 53.19 µg/m3 – 2,539.80 µg/m3, and total VOC concentrations ranging from 126.55 µg/m3- 2,948.76 µg/m3. These results demonstrate a 98.81% reduction in total VOCs and BTEX compounds in the SVE system influent since December 2017. A corresponding reduction in VOCs in soil vapor as well as in soil within the unsaturated zone is expected. The results of the quarterly sampling are summarized in the Site's Periodic Review Reports (PRRs).

*On-site SSDS*
Piping associated with the SSDS was installed beneath the cellar slab of the current building. The SSDS consists of three loops which are outfitted with a collection point and riser, which extends to the roof. During the recent reporting period, it was determined that the three SSDS effluent pipes were outfitted with blowers and supplied with power. According to the latest PRR, dated March 2024, the SSDS was unintentionally running and has been operating since the repair of the SVE blower in 2021.

**SOIL VAPOR INSTRUSION INVESTIGATION**

*Indoor Air and Ambient Air Sampling*
The SVI investigation was conducted on March 24-25, 2025, during the 2024-2025 heating season. Prior to sample collection, the onsite SVE system was shut down on February 5, 2025. GZA collected a total of eight indoor air samples (IA-01 through IA-08) in the onsite building basement, along with an ambient outdoor air sample (OA-01). Indoor air sample IA-06 was compromised and could not be analyzed. A NYSDOH Indoor Air Quality Questionnaire, which includes a product inventory of all chemicals observed in the building, was completed prior to sampling and is included as **Appendix B**.

IA-01 was placed in the laundry room located in the northwestern portion of the property. IA-02 and IA-07 were positioned in the western portion of the property. IA-03 was placed in the storage room. IA-04 was placed in the compactor room, where the SVE system is located. IA-08 was placed near the SSDS system riser in the eastern portion of the basement. Both IA-05 and its duplicate were placed in the southwestern portion

of the basement near the entrance to the boiler room. Lastly, an outdoor ambient air sample (OA-01) was collected on the first floor (ground level) outdoor area, where the SSDS riser pipes are located. The locations of all samples are shown in **Figure 4**.

Indoor and ambient air samples were collected concurrently at a height of three to six feet above the floor to represent the breathing zone. Sampling was conducted over a 24-hour period to represent residential use of the current building. The 6-liter SUMMA canisters, equipped with 24-hour regulators for both indoor and outdoor air samples, were set to limit the sample collection rate to 0.2 liters per minute, ensuring consistent flow throughout the entire sampling event. The canisters were then submitted to York Laboratories, a NYSDOH-ELAP certified laboratory, for VOC analysis via EPA Method TO-15 under chain-of-custody documentation. The soil vapor sampling log is included in **Appendix C**, and representative photographs of the field investigation activities are provided in **Appendix D**.

**PRESSURE FIELD TESTING**

As requested by the NYSDEC and NYSDOH, pressure field testing was conducted as part of the investigation to evaluate if the existing SSDS is maintaining a pressure field beneath the concrete slab and vapor barrier. Field readings for the existing mahgnehelic gauges showed pressure readings at each of the three riser locations of 1.80, 1.76, and 1.75 inches of water at the time of the investigation. The SVE inspection form can be found in **Appendix E**.

**RESULTS**

The analytical results for the samples that GZA collected during the SVI investigation activities are discussed below and summarized in **Table 1**. Laboratory reports are provided in **Appendix F**.

The indoor air and and ambient air analytical results were evaluated against the USEPA Method TO-15 Compound List.

- Low level concentrations of VOCs, including 1,2,4-trimethylbenzene (max of 1.6 µg/m³ ), 2,2,4-trimethylpentane (max of 1.7 µg/m³), benzene (max of 2.6 µg/m³), ethylbenzene (max of 3.4 µg/m³), n-heptane (max of 0.96 µg/m³), n-hexane (max of 1.9 µg/m³), o-xylene (max of 2.9 µg/m³), p- & m-xylenes (max of 12 µg/m³), tetrachloroethylene (max of 8.9 µg/m³), and toluene (max of14 µg/m³), were detected above the reported detection limit in all indoor and outdoor air samples.
- 1,3,5-Trimethylbenzene (0.7 µg/m³) and methylene chloride (14 µg/m³) were only detected above the reported detection limit in IA-04, and naphthalene (1.8 µg/m³) was only detected above the reported detection limit in IA-08.
- Carbon tetrachloride (max of 0.54 µg/m$^3$) was detected above the reported detection limit in all indoor and outdoor samples excluding IA-07
- Cyclohexane (max of 0.58 µg/m³) was detected above the reported detection limit in IA-02, IA-03, IA-04, IA-05, IA-05 Duplicate, IA-08, and OA-01.
- Trichloroethylene (maximum of 0.58 µg/m³) was detected above the reported detection limit in IA-03, IA-05, IA-05 Duplicate, and OA-01.

- 1,1,1-Trichloroethane, 1,1-dichloroethylene, and vinyl chloride were not detected above the reported detection limit in any of the samples.

**FINDINGS AND RECOMMENDATIONS**

The findings of GZA's SVI Investigation are summarized below:

- The indoor air analytical results for IA-01 through IA-05, IA-07 and IA-08 did not identify VOCs at concentrations exceeding the NYSDOH Air Guidance Values.
- The outdoor ambient air analytical results for OA-01 did not identify VOCs at concentrations exceeding the NYSDOH Air Guidance Values.

Based on the findings of this SVI investigation and significant decrease in VOC concentrations measured over time, we recommend that the SVE system be shut down, and the SSDS will remain active at the Site to mitigate the potential for soil vapor intrusion.

Should you have any questions, please contact Mark Hutson at (646) 929-8955 or Mark.Hutson@gza.com.

Very truly yours,

**GZA GEOENVIRONMENTAL OF NEW YORK**

Mark Hutson, P.G.
Senior Project Manager

Robert Jackson, P.E.
Consultant Reviewer

Victoria Whelan, P.G.
Vice President

**FIGURES:**

Figure 1 – Site Location Map

Figure 2 – Site Plan

Figure 3 – SVE Layout

Figure 4 – Sample Location Map

**TABLE:**

Table 1 – Soil Vapor Analytical Results

**ATTACHMENTS:**

Appendix A – Soil Vapor Intrusion Work Plan

Appendix B – Department of Health Indoor Air Quality Questionnaire

Appendix C – Soil Vapor Sampling Logs

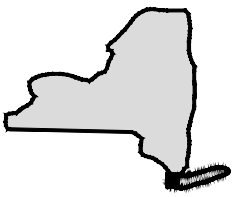
Appendix D – Photographic Log

Appendix E – Field Inspection Forms

Appendix F – Laboratory Analytical Reports

# FIGURES


NEW YORK



QUADRANGLE LOCATION

SOURCE:

USGS TOPOGRAPHIC MAPS: NY (2023). CONTOUR INTERVAL 10FT., NAVD-1988, ORIGINAL SCALE 1:24,000 (1IN.=2,000FT.).

N
W E
S



11-07 DEKALB AVENUE, BROOKLYN, NY

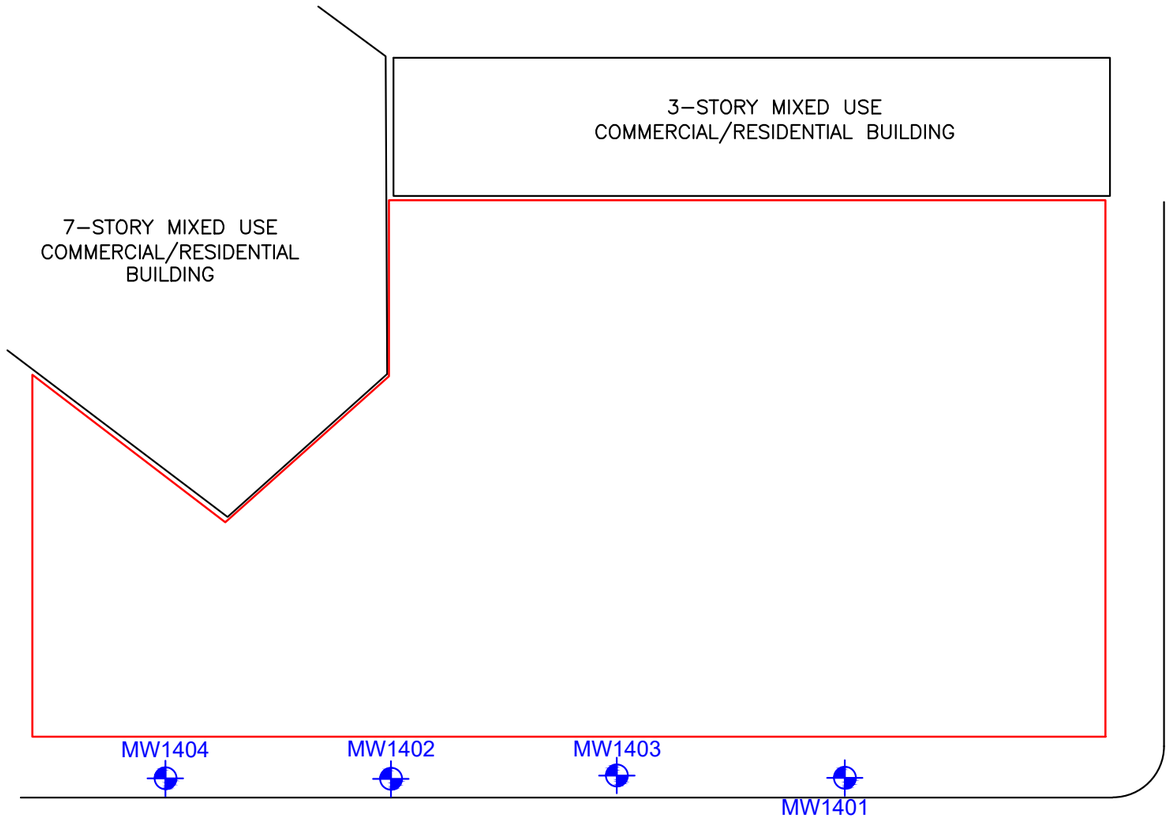
PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

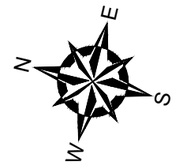
PREPARED FOR:
ABC NY

**SITE LOCATION MAP**

| | | | |
|---|---|---|---|
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 1 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: N.T.S | |
| DATE: JUNE 2025 | PROJECT NO. 41.0163281.10 | REVISION NO. - | SHEET NO. 1 OF 1 |


GZA–J:\Active 163200 to 163299\163281.10 – 1107 Dekalb – Well Installation and SVI\Drawings\GZA CAD\163281.10.dwg [FIG 1 8.5x11 (2)] October 14, 2024 – 2:34pm Selia.Gupta




## GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "ENGINEERING CONTROLS – SVE SYSTEM" PREPARED BY "AMC ENGINEERING, PLLC", ORIGINAL SCALE 1" = 25', DATED OCTOBER 17, 2019.
2. EXPLORATION LOCATIONS SHOWN ARE BASED ON TAPE MEASUREMENTS FROM TOPOGRAPHICAL FEATURES. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

## LEGEND

APPROXIMATE SITE BOUNDARY

MW1400 APPROXIMATE MONITORING WELL LOCATION

0 10 20 40
SCALE IN FEET

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |



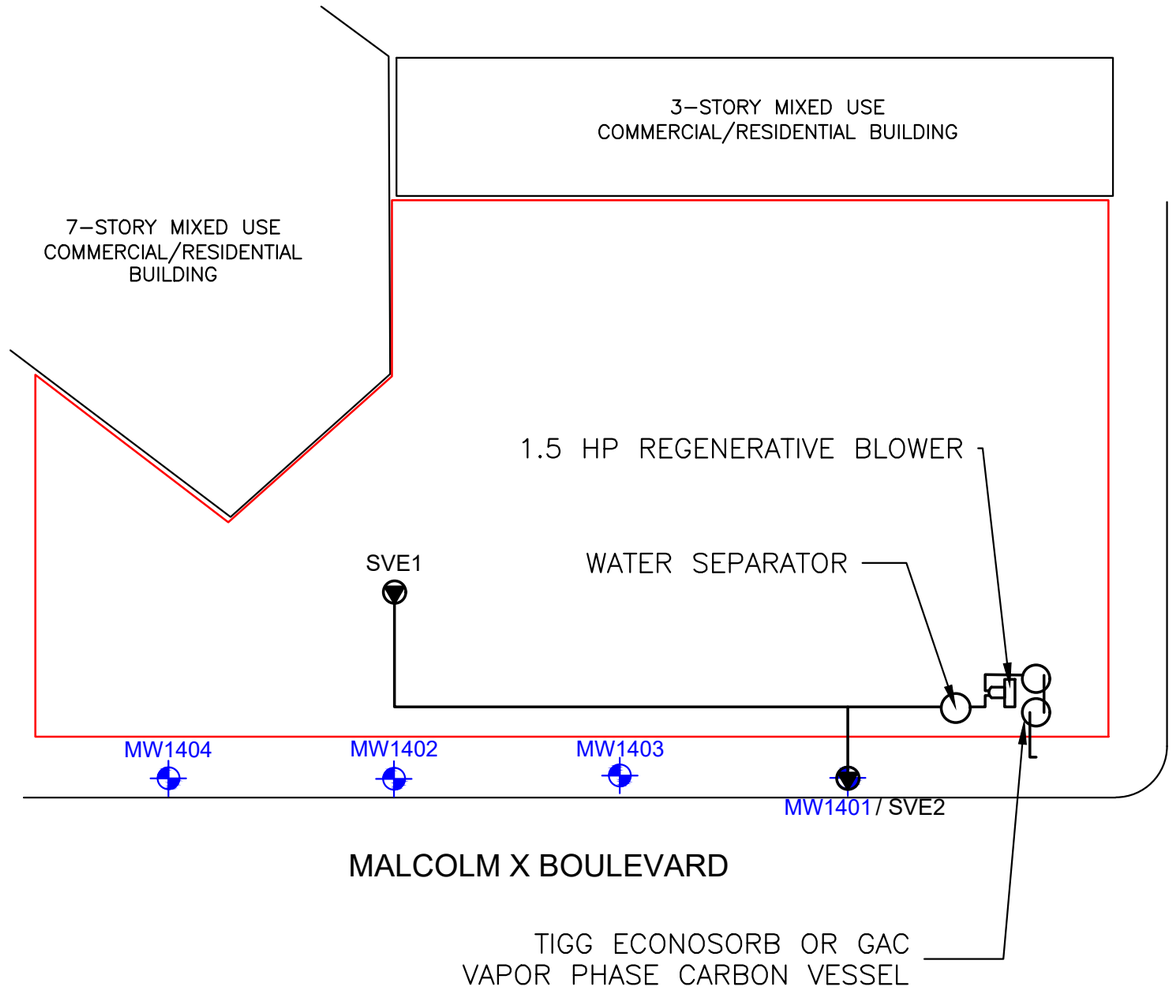
11-07 DEKALB AVENUE, BROOKLYN, NY

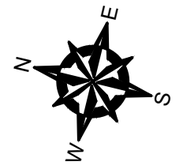
**SITE PLAN**

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
ABC NY

| | | | |
|---|---|---|---|
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 2 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: 1" = 20' | |
| DATE: JUNE 2025 | PROJECT NO. 41.0163281.10 | REVISION NO. - | SHEET NO. 1 OF 1 |




## GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "ENGINEERING CONTROLS – SVE SYSTEM" PREPARED BY "AMC ENGINEERING, PLLC", ORIGINAL SCALE 1" = 25', DATED OCTOBER 17, 2019.
2. EXPLORATION LOCATIONS SHOWN ARE BASED ON TAPE MEASUREMENTS FROM TOPOGRAPHICAL FEATURES. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

## LEGEND

- APPROXIMATE SITE BOUNDARY
- MW1400 — APPROXIMATE MONITORING WELL LOCATION
- SVE1 — APPROXIMATE VAPOR EXTRACTION WELL

0 10 20 40
SCALE IN FEET

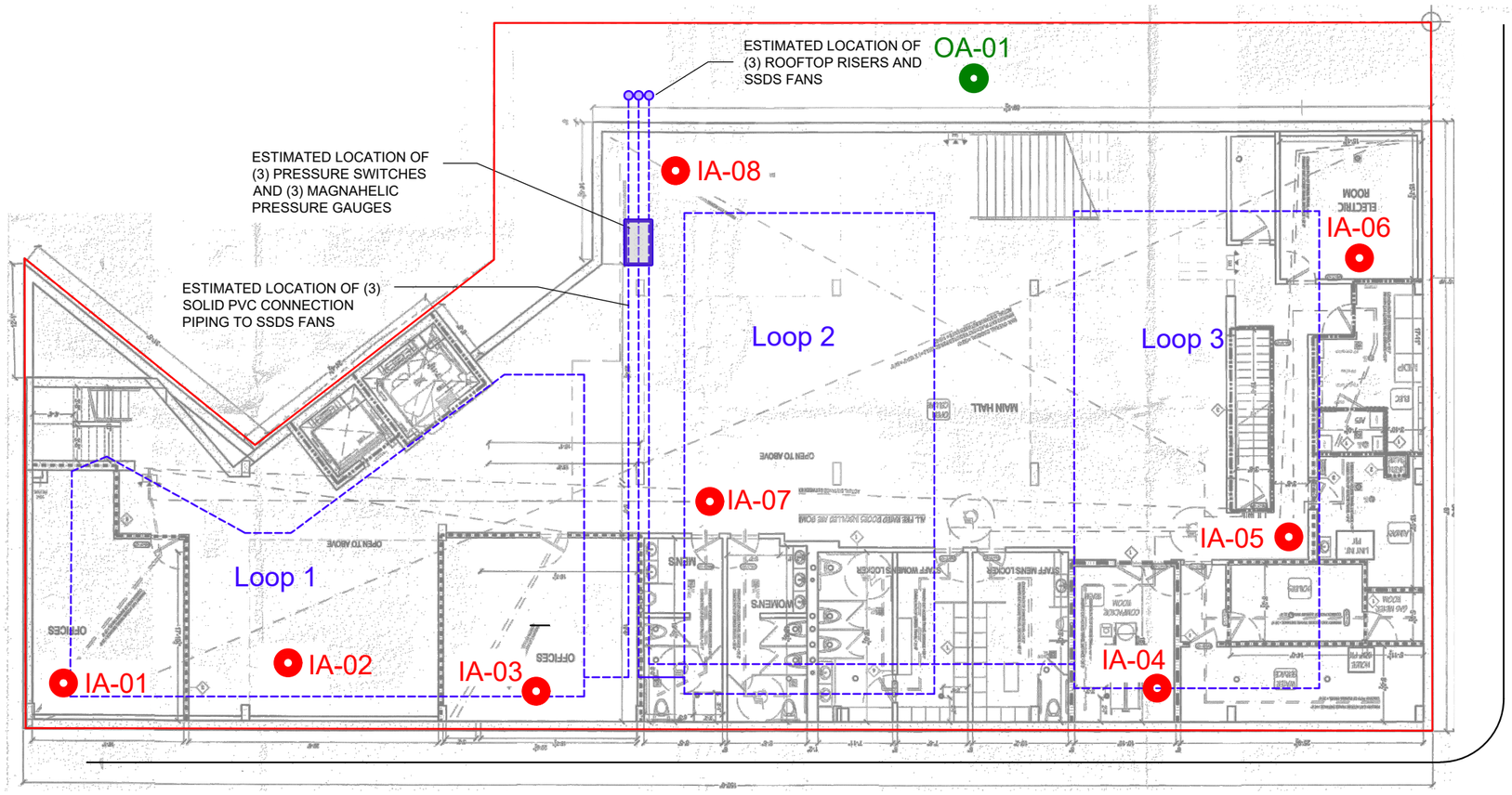
| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |



11-07 DEKALB AVENUE, BROOKLYN, NY

**SOIL VAPOR EXTRACTION LAYOUT**

| PREPARED BY: | PREPARED FOR: | | |
|---|---|---|---|
| GZA GeoEnvironmental of NY<br>Engineers and Scientists<br>www.gza.com | ABC NY | | |
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 3 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: 1" = 20' | |
| DATE: JUNE 2025 | PROJECT NO. 41.0163281.00 | REVISION NO. - | SHEET NO. 1 OF 1 |




MALCOLM X BOULEVARD

DEKALB AVENUE

0 7.5 15 30

SCALE IN FEET

## GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SSDS LAYOUT 11–07 DEKALB AVENUE BROOKLYN, NY", PREPARED BY "TYLL ENGINEERING & CONSULTING PC", ORIGINAL SCALE 1" = 25', DATED MARCH 7, 2024.
2. EXPLORATION LOCATIONS SHOWN ARE BASED ON TAPE MEASUREMENTS FROM TOPOGRAPHICAL FEATURES. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

## LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF 4" PERFORATED PVC PIPING
- APPROXIMATE RISER LOCATIONS
- IA-01 APPROXIMATE INDOOR AIR SAMPLING LOCATION
- OA-01 APPROXIMATE OUTOODR AMBIENT AIR SAMPLING LOCATION

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |



11-07 DEKALB AVENUE, BROOKLYN, NY

**SAMPLE LOCATION MAP**

| PREPARED BY: | | PREPARED FOR: | |
|---|---|---|---|
| GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | | ABC NY | |
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 4 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: 1" = 15' | |
| DATE: JUNE 2025 | PROJECT NO. 41.0163281.10 | REVISION NO. - | SHEET NO. 1 OF 1 |


GZA–J:\Active 163200 to 163299\163281.10 – 1107 Dekalb – Well Installation and SVI\Drawings\GZA CAD\41.0163281.10 Sample Location–jn.dwg [FIG 2 – Sample Location] May 21, 2025 – 1:42pm Jazlyn.Natalie

# TABLE

**Table 1**
**Soil Vapor Analytical Results**
**SVI Report**
**1103-1107 Dekalb Avenue**
**Brooklyn, New York**

| SAMPLE LOCATION | IA-01 | | IA-02 | | IA-03 | | IA-04 | | IA-05 | | IA-05- Duplicate | | IA-07 | | IA-08 | | OA-01 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY SAMPLE ID | 25C1573-01 | | 25C1573-02 | | 25C1573-03 | | 25C1573-04 | | 25C1573-05 | | 25C1573-06 | | 25C1573-08 | | 25C1573-09 | | 25C1573-10 | |
| SAMPLING DATE | 3/23/2023 10:05:00 AM | | 3/23/2023 10:10:00 AM | | 3/23/2023 10:20:00 AM | | 3/23/2023 9:55:00 AM | | 3/23/2023 9:55:00 AM | | 3/23/2023 9:55:00 AM | | 3/23/2023 10:00:00 AM | | 3/23/2023 9:50:00 AM | | 3/23/2023 10:25:00 AM | |
| SAMPLE TYPE | Indoor Ambient Air | | Indoor Ambient Air | | Indoor Ambient Air | | Indoor Ambient Air | | Indoor Ambient Air | | Indoor Ambient Air | | Indoor Ambient Air | | Indoor Ambient Air | | Outdoor Ambient Air | |
| | Results | Qual | Results | Qual | Results | Qual | Results | Qual | Results | Qual | Results | Qual | Results | Qual | Results | Qual | Results | Qual |
| **Volatile Organics in Air by TO-15 (µg/m3)** | | | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.71 | U | 0.59 | U | 0.68 | U | 0.66 | U | 0.5 | U | 0.51 | U | 0.71 | U | 0.68 | U | 0.57 | U |
| 1,1,1-Trichloroethane | 0.57 | U | 0.47 | U | 0.54 | U | 0.52 | U | 0.4 | U | 0.41 | U | 0.56 | U | 0.54 | U | 0.46 | U |
| 1,1,2,2-Tetrachloroethane | 0.71 | U | 0.59 | U | 0.68 | U | 0.66 | U | 0.5 | U | 0.51 | U | 0.71 | U | 0.68 | U | 0.57 | U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.79 | U | 0.66 | U | 0.76 | U | 0.73 | U | 0.56 | D | 0.68 | D | 0.79 | U | 0.76 | U | 0.64 | U |
| 1,1,2-Trichloroethane | 0.57 | U | 0.47 | U | 0.54 | U | 0.52 | U | 0.4 | U | 0.41 | U | 0.56 | U | 0.54 | U | 0.46 | U |
| 1,1-Dichloroethane | 0.42 | U | 0.35 | U | 0.4 | U | 0.39 | U | 0.3 | U | 0.3 | U | 0.42 | U | 0.4 | U | 0.34 | U |
| 1,1-Dichloroethylene | 0.1 | U | 0.086 | U | 0.098 | U | 0.095 | U | 0.073 | U | 0.074 | U | 0.1 | U | 0.098 | U | 0.083 | U |
| 1,2,4-Trichlorobenzene | 0.77 | U | 0.64 | U | 0.73 | U | 0.71 | U | 0.54 | U | 0.55 | U | 0.77 | U | 1.3 | D | 0.62 | U |
| 1,2,4-Trimethylbenzene | 0.76 | D | 0.51 | D | 0.58 | D | 1.6 | D | 0.65 | D | 0.88 | D | 0.66 | D | 0.73 | D | 0.7 | D |
| 1,2-Dibromoethane | 0.8 | U | 0.66 | U | 0.76 | U | 0.73 | U | 0.56 | U | 0.57 | U | 0.79 | U | 0.76 | U | 0.64 | U |
| 1,2-Dichlorobenzene | 0.62 | U | 0.52 | U | 0.59 | U | 0.57 | U | 0.44 | U | 0.45 | U | 0.62 | U | 0.6 | U | 0.5 | U |
| 1,2-Dichloroethane | 0.42 | U | 0.35 | U | 0.4 | U | 0.39 | U | 0.3 | U | 0.3 | U | 0.42 | U | 0.4 | U | 0.34 | U |
| 1,2-Dichloropropane | 0.48 | U | 0.4 | U | 0.46 | U | 0.44 | U | 0.34 | U | 0.34 | U | 0.48 | U | 0.46 | U | 0.39 | U |
| 1,2-Dichlorotetrafluoroethane | 0.72 | U | 0.6 | U | 0.69 | U | 0.67 | U | 0.51 | U | 0.52 | U | 0.72 | U | 0.69 | U | 0.59 | U |
| 1,3,5-Trimethylbenzene | 0.51 | U | 0.42 | U | 0.49 | U | 0.7 | D | 0.36 | U | 0.37 | U | 0.51 | U | 0.49 | U | 0.41 | U |
| 1,3-Butadiene | 0.69 | U | 0.57 | U | 0.66 | U | 0.63 | U | 0.49 | U | 0.49 | U | 0.69 | U | 0.66 | U | 0.56 | U |
| 1,3-Dichlorobenzene | 0.62 | U | 0.52 | U | 0.59 | U | 0.57 | U | 0.44 | U | 0.45 | U | 0.62 | U | 0.6 | U | 0.5 | U |
| 1,3-Dichloropropane | 0.48 | U | 0.4 | U | 0.46 | U | 0.44 | U | 0.34 | U | 0.34 | U | 0.48 | U | 0.46 | U | 0.39 | U |
| 1,4-Dichlorobenzene | 0.62 | D | 0.52 | U | 0.59 | U | 0.57 | D | 0.53 | D | 0.45 | U | 0.62 | U | 0.72 | D | 0.5 | U |
| 1,4-Dioxane | 0.75 | U | 0.62 | U | 0.71 | U | 0.69 | U | 0.53 | U | 0.54 | U | 0.74 | U | 0.71 | U | 0.6 | U |
| 2,2,4-Trimethylpentane | 1.2 | D | 0.97 | D | 1.1 | D | 1.3 | D | 0.99 | D | 0.17 | U | 1.1 | D | 1 | D | 1.7 | D |
| 2-Butanone | 1.8 | D | 1.9 | D | 1.8 | D | 3.2 | D | 1.2 | D | 3.5 | D | 1.8 | D | 2.7 | D | 1.7 | D |
| 2-Hexanone | 0.85 | U | 0.71 | U | 0.81 | U | 0.78 | U | 0.6 | U | 0.61 | U | 0.85 | U | 0.81 | U | 0.69 | U |
| 3-Chloropropene | 1.6 | U | 1.4 | U | 1.5 | U | 1.5 | U | 1.1 | U | 1.2 | U | 1.6 | U | 1.6 | U | 1.3 | U |
| 4-Methyl-2-pentanone | 0.42 | U | 0.35 | U | 0.41 | U | 0.39 | U | 0.3 | U | 0.3 | U | 0.42 | U | 0.41 | U | 0.34 | U |
| Acetone | 32 | D | 45 | D | 54 | D | 96 | D | 34 | D | 17 | D | 33 | D | 96 | D | 16 | D |
| Acrylonitrile | 2.9 | U | 10 | D | 2.8 | U | 2.7 | J | 2.1 | U | 2.1 | U | 5.8 | D | 2.8 | J | 2.4 | U |
| Benzene | 1.3 | D | 1.6 | D | 1.1 | D | 1.1 | D | 1.5 | D | 0.97 | D | 2.6 | D | 1.2 | D | 1.6 | D |
| Benzyl chloride | 0.54 | U | 0.45 | U | 0.51 | U | 0.49 | U | 0.38 | U | 0.39 | U | 0.53 | U | 0.51 | U | 0.43 | U |
| Bromodichloromethane | 0.69 | U | 0.58 | U | 0.66 | U | 1.5 | D | 0.49 | U | 0.5 | U | 0.69 | U | 0.66 | U | 0.56 | U |
| Bromoform | 1.1 | U | 0.89 | U | 1 | U | 0.99 | U | 0.76 | U | 0.77 | U | 1.1 | U | 1 | U | 0.87 | U |
| Bromomethane | 0.4 | U | 0.34 | U | 0.38 | U | 0.37 | U | 0.28 | U | 0.29 | U | 0.4 | U | 0.39 | U | 0.33 | U |
| Carbon disulfide | 0.32 | U | 0.27 | U | 0.31 | U | 0.3 | U | 0.23 | U | 0.23 | U | 0.32 | U | 0.31 | U | 0.26 | U |
| Carbon tetrachloride | 0.46 | D | 0.38 | D | 0.37 | D | 0.54 | D | 0.42 | D | 0.51 | D | 0.16 | U | 0.37 | D | 0.37 | D |
| Chlorobenzene | 0.48 | U | 0.4 | U | 0.46 | U | 0.44 | U | 0.34 | U | 0.34 | U | 0.48 | U | 0.46 | U | 0.39 | U |
| Chloroethane | 0.27 | U | 0.23 | U | 0.26 | U | 0.25 | U | 0.19 | U | 0.2 | U | 0.27 | U | 0.26 | U | 0.22 | U |
| Chloroform | 2 | D | 1.3 | D | 1.9 | D | 27 | D | 6.6 | D | 1.2 | D | 1.8 | D | 1.7 | D | 0.5 | D |
| Chloromethane | 1.6 | D | 1.5 | D | 1.4 | D | 1.4 | D | 1.5 | D | 1.6 | D | 2.7 | D | 1.4 | D | 1.4 | D |
| cis-1,2-Dichloroethylene | 0.1 | U | 0.086 | U | 0.098 | U | 0.095 | U | 0.073 | U | 0.074 | U | 0.1 | U | 0.098 | U | 0.083 | U |
| cis-1,3-Dichloropropylene | 0.47 | U | 0.39 | U | 0.45 | U | 0.43 | U | 0.33 | U | 0.34 | U | 0.47 | U | 0.45 | U | 0.38 | U |
| Cyclohexane | 0.36 | U | 0.33 | D | 0.34 | D | 0.53 | D | 0.35 | D | 0.36 | D | 0.36 | U | 0.34 | D | 0.58 | D |
| Dibromochloromethane | 0.88 | U | 0.74 | U | 0.84 | U | 0.81 | U | 0.62 | U | 0.63 | U | 0.88 | U | 0.85 | U | 0.71 | U |
| Dichlorodifluoromethane | 2.5 | D | 2.4 | D | 2.3 | D | 2.5 | D | 2.5 | D | 3 | D | 2.6 | D | 2.6 | D | 2.6 | D |
| Ethyl acetate | 3.3 | D | 22 | D | 13 | D | 10 | D | 4.9 | D | 4.2 | D | 3.3 | D | 6.8 | D | 2.5 | D |
| Ethyl Benzene | 0.68 | D | 0.52 | D | 3.4 | D | 1.7 | D | 0.48 | D | 2.8 | D | 0.45 | D | 0.6 | D | 0.73 | D |
| Hexachlorobutadiene | 1.1 | U | 0.92 | U | 1.1 | U | 1 | U | 0.78 | U | 0.79 | U | 1.1 | U | 1.1 | U | 0.89 | U |
| Isopropanol | 47 | D | 38 | D | 38 | D | 29 | D | 7.2 | D | 26 | D | 38 | D | 37 | D | 6.1 | D |
| Methyl Methacrylate | 0.42 | U | 0.35 | U | 0.4 | U | 0.82 | D | 0.57 | D | 0.3 | U | 0.42 | U | 0.41 | U | 0.34 | U |
| Methyl tert-butyl ether (MTBE) | 0.37 | U | 0.31 | U | 0.36 | U | 0.34 | U | 0.26 | U | 0.27 | U | 0.37 | U | 0.36 | U | 0.3 | U |
| Methylene chloride | 2.2 | U | 1.8 | J | 2.1 | U | 14 | D | 1.5 | J | 1.6 | J | 2.2 | J | 2.1 | J | 1.7 | J |
| Naphthalene | 1.1 | U | 0.9 | U | 1 | U | 1 | U | 0.77 | U | 0.78 | U | 1.1 | U | 1.8 | D | 0.88 | U |
| n-Heptane | 0.85 | D | 0.81 | D | 0.73 | D | 1.3 | D | 0.6 | D | 0.46 | D | 0.8 | D | 0.77 | D | 0.96 | D |
| n-Hexane | 1.2 | D | 1.1 | D | 1.2 | D | 1.2 | D | 1 | D | 0.79 | D | 1.1 | D | 1 | D | 1.9 | D |
| o-Xylene | 1.2 | D | 0.75 | D | 1.5 | D | 2.9 | D | 0.67 | D | 2.7 | D | 0.72 | D | 0.9 | D | 0.91 | D |
| p- & m- Xylenes | 2.9 | D | 2 | D | 4 | D | 7.1 | D | 1.7 | D | 12 | D | 1.9 | D | 2.3 | D | 2.5 | D |
| p-Ethyltoluene | 0.61 | D | 0.42 | D | 0.53 | D | 1.4 | D | 0.54 | D | 0.66 | D | 0.51 | U | 0.54 | D | 0.62 | D |
| Propylene | 3 | D | 2.6 | D | 0.17 | U | 3 | D | 3.9 | D | 0.13 | U | 3.2 | D | 3 | D | 0.14 | U |
| Styrene | 0.44 | U | 0.37 | U | 8 | D | 0.41 | U | 0.31 | U | 0.32 | U | 0.44 | U | 0.42 | U | 0.36 | U |
| Tetrachloroethylene | 1.5 | D | 1.5 | D | 1.5 | D | 8.9 | D | 0.89 | D | 2.9 | D | 1.7 | D | 1.5 | D | 3.1 | D |
| Tetrahydrofuran | 0.61 | U | 0.64 | D | 0.64 | D | 1.1 | D | 0.52 | D | 2.4 | D | 0.61 | U | 0.59 | U | 0.49 | U |
| Toluene | 2.8 | D | 5.9 | D | 4 | D | 14 | D | 3.2 | D | 3.4 | D | 3 | D | 3.6 | D | 4.7 | D |
| trans-1,2-Dichloroethylene | 0.41 | U | 0.34 | U | 0.39 | U | 0.38 | U | 0.29 | U | 0.29 | U | 0.41 | U | 0.39 | U | 0.33 | U |
| trans-1,3-Dichloropropylene | 0.47 | U | 0.39 | U | 0.45 | U | 0.43 | U | 0.33 | U | 0.34 | U | 0.47 | U | 0.45 | U | 0.38 | U |
| Trichloroethylene | 0.14 | U | 0.12 | U | 0.16 | D | 0.13 | U | 0.28 | D | 0.12 | D | 0.14 | U | 0.13 | U | 0.58 | D |
| Trichlorofluoromethane (Freon 11) | 1.3 | D | 1.3 | D | 1.3 | D | 1.3 | D | 1.3 | D | 1.6 | D | 1.3 | D | 1.4 | D | 1.3 | D |
| Vinyl acetate | 0.37 | U | 0.3 | U | 0.35 | U | 0.34 | U | 0.26 | U | 0.26 | U | 0.36 | U | 0.35 | U | 0.29 | U |
| Vinyl bromide | 0.45 | U | 0.38 | U | 0.43 | U | 0.42 | U | 0.32 | U | 0.33 | U | 0.45 | U | 0.43 | U | 0.37 | U |
| Vinyl Chloride | 0.13 | U | 0.11 | U | 0.13 | U | 0.12 | U | 0.094 | U | 0.095 | U | 0.13 | U | 0.13 | U | 0.11 | U |

TABLE NOTES:

NYSDOH : New York State Department of Health.

D: Result is from an analysis that required a dilution

U : Analyte not detected at or above the level indicated

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

ug/m$^3$ : micrograms per cubic meter.

Qual : Qualifiers.

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

# ATTACHMENT A

February 7, 2025

Ms. Marlen Salazar
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY, 11101

Re: Soil Vapor Investigation Work Plan
1107 Dekalb Avenue
Brooklyn, New York
NYSDEC BCP Site No. C224176

Dear Ms. Salazar:

Tyll Engineering and Consulting PC (TEC) and GZA GeoEnvironmental of New York (GZA) are pleased to provide this Soil Vapor Intrusion Work Plan (SVIWP) for the above-referenced property (Site). The SVIWP was prepared in general accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (SVI Guidance), dated October 2006, as amended May 2017 and February 2024.

## 1.0 INTRODUCTION

ABC NY (the Client) retained TEC and GZA to prepare a Soil Vapor Intrusion Work Plan (SVIWP) at 1107 Dekalb Avenue, Brooklyn, NY (Site). This SVIWP has been prepared in accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (SVI Guidance), dated October 2006, as amended May 2017 and February 2024. The Site is currently enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), NYSDEC Site No. C224176 and the Site was remediated in accordance with the Brownfield Cleanup Agreement (BCA) No. C224176-05-13. The Site is currently in the site management phase of the project and implementing the approved Site Management Plan (SMP), dated December 2019, prepared by AMC Engineering PLLC (AMC). The proposed scope of work discussed in this SVIWP will be conducted in accordance with the SMP prepared by AMC, and the results of the SVI investigation, proposed herein, will evaluate if the existing Soil Vapor Extraction (SVE) system can be shut down.

### 1.1 SITE LOCATION AND CURRENT USE

The Site is approximately 0.22-acres (9,530-square feet [s.f.]) in size and is identified on the Brookyln County Tax Map as Block 1600 – Lot 7521. The Site is located on the northeast corner of DeKalb Avenue and Malcolm X Boulevard. A Site Location Map is included as **Figure 1**. The Site is currently improved with an 8-story mixed-use building with a partial below grade cellar that includes storage, mechanical rooms, and retail/commercial space. A Site Plan is included as **Figure 2**.

### 1.2 SITE REMEDIAL HISTORY

Engineering controls installed at the Site pertinent to this SVIWP are as follows.

*Onsite SVE System*

According to the SMP, the onsite SVE system was installed in December 2017 to remediate the petroleum contaminated soil in the unsaturated zone from a depth of 15-feet to the groundwater table. The layout of the SVE system is shown in **Figure 3**.

The SVE system effluent, both before and after treatment, is sampled on a quarterly basis. Initial concentrations in the influent air stream reported a total PVOC concentration of 162,139.11 micrograms per cubic meter (µg/m3), a total CVOC concentration of 3,592.66 µg/m3 and a total VOC concentration of 165,731.77 µg/m3. A significant and steady decrease of total VOC concentrations have continued over time. The January, June, and September 2024 influent analytical results reported total PVOC concentrations ranging from 3.56 µg/m3 – 8.00 ug/m3, total CVOC concentrations ranging from 53.19 µg/m3 – 2,539.80 µg/m3, and total VOC concentrations ranging from 126.55 µg/m3- 2,948.76 µg/m3. These results demonstrate a 98.81% reduction in total VOCs and BTEX compounds in the SVE system influent since December 2017. A corresponding reduction in VOCs in soil vapor as well as in soil within the unsaturated zone is expected. The results of the quarterly sampling are summarized in the Site's Periodic Review Reports (PRRs).

*Onsite SSDS*

Piping associated with the Sub-Slab Depressurization System (SSDS) was installed beneath the cellar slab of the current building, in the event that an SSDS system was required. The SSDS consists of three loops which are outfitted with a collection point and riser, which extends to the roof. During the recent reporting period, it was determined that the three SSDS effluent pipes were outfitted with blowers and supplied with power. According to the latest PRR, dated March 2024, it appears that the SSDS was unintentionally left running by EBC and has been running to date after a repair of the SVE blower in 2021.

After discussion with the NYSDEC, it was decided that the SSDS will be left on, and an SVI evaluation will be conducted to determine if any mitigation measures are necessary to eliminate potential exposures to vapors in the structure. Based on the results of the SVI investigation and pre-carbon/influent SVE system soil vapor data, GZA will evaluate the results to see if the SVE can be shut down, leaving the SSDS as the sole form of vapor mitigation.

## 2.0 SOIL VAPOR INTRUSION INVESTIGATION

### 2.1 OBJECTIVES

The objectives of the evaluation are to:

1. Evaluate the soil vapor/indoor air at the Site; and,

2. Obtain the necessary information to determine if further mitigation is warranted or if the SVE system can be turned off.

### 2.2 INDOOR AIR AND AMBIENT AIR SAMPLING

The SVI Investigation will be completed during the 2024-2025 heating season which is from November 15, 2024 to March 31, 2025. Prior to sample collection, the onsite SVE system will be shut down for 30 days.

The SVE system was shut off on February 5, 2025 and. A Product Inventory Survey will be completed of all chemicals readily observed and identified in the building prior to sampling.

GZA proposes to collect three indoor air samples within the onsite building basement. In addition, one ambient air sample will be collected in an upwind portion of the Site, outside of the onsite building. Indoor air and ambient air samples will be collected concurrently at three to five feet above the ground in order to represent the breathing zone. The SUMMA canister regulators for indoor air and outdoor air samples will be set to restrict the sample collection not to exceed 0.2 liters per minute; flow rate will be consistent across the entire duration of the sampling event; over a 24-hour time period. The SUMMA canisters will be submitted to a NYSDOH-certified laboratory for analysis of VOCs via EPA Method TO-15 with a request for low-level reporting limits under chain-of-custody documentation. The proposed indoor air and ambient air sampling locations are depicted on **Figure 4**. The actual location may vary based on field conditions.

## 2.3 SAMPLING QA/QC PROTOCOL

During this round of sampling, the following samples will be collected for QA/QC purposes:

- One duplicate sample

The samples will be analyzed for Category B deliverables and reviewed by a third party to generate a Data Usability Report (DUSR).

A sample log sheet will be completed for each sample summarizing the following:

- Sample identification;
- Date and time of the sample collection;
- Sampling height;
- Identity of samplers;
- Sampling method and devices;
- If canisters used, the vacuum before and after samples collected;
- Apparent moisture content (dry, moist, saturated, etc.) of the sampling zone;
- Local condition(s) that occurred during the sampling that may influence interpretation of the results (i.e., weather), and
- Chain of custody protocols and records used to track samples from sampling point to analysis.

Field notes including observations of sample location conditions, weather, other pertinent observations, and diagrams (if appropriate) will be maintained, and appropriate photographs will be taken. A record of each sample, including any pertinent observations about the samples will be kept in a field notebook and/or appropriate logs and copies will be included in the Soil Vapor Intrusion Investigation Report.

## 2.4 PRESSURE FIELD TESTING

As requested by the NYSDEC and NYSDOH, pressure field testing will be included as part of the investigation to evaluate if the existing SSDS is maintaining a pressure field beneath the concrete slab and vapor barrier. In order to prevent penetrating the existing vapor barrier, GZA will document the pressure readings from the existing manometers (Dwyer Magnehelic Series 200 Pressure Gauge or similar) at each of the three riser locations. The documented readings will be provided in the SVI Investigation Report.

# 3.0 REPORTING

## 3.1 INVESTIGATION REPORTING

Following the completion of the SVIWP and receipt of analytical data, an SVI Investigation Report will be prepared. The report will include the following:

- A summary of the Site history and previous investigations
- A description of Site conditions
- Sampling methodology and field observations
- An evaluation of the results and findings
- Conclusions and recommendations for any further assessment (if warranted).

The report will include sampling logs, tabulated analytical results, figures, and laboratory data packages. The tabulated analytical results will be organized in table format and include sample location, media sampled, sample height, field/laboratory identification numbers, analytical results and the applicable Standards, Criteria, and Guidance (SCGs) pertaining to the Site and contaminants of concern for comparison. The report will include scaled figures showing the locations of indoor and outdoor ambient air sampling points, riser and manometer locations, and sample concentrations above SCGs.

# 4.0 INVESTIGATION HASP

An OSHA compliant Health and Safety Plan that meets the pertinent OSHA HAZWOPER requirements will be implemented during the site work to protect worker safety. The Site Safety Coordinator will ensure full compliance of the HASP in accordance with applicable health and safety laws, and regulations. All field personnel involved in investigation activities will have completed training required under OSHA HAZWOPER 29 CFR 1910.120, including 40-hour hazardous waste operator training and annual 8-hour refresher training. Emergency telephone numbers will be posted at the site location before any work begins. A safety meeting will be conducted before each shift begins. Topics to be discussed include task hazards and protective measures (physical, chemical, environmental); emergency procedures; PPE levels and other relevant safety topics including a highlighted route map to the nearest hospital/emergency room. Meetings will be documented in a logbook or specific form. Information fact sheets and/or summary tables for each contaminant group are included in the HASP. A copy of this HASP will be on-site during each sampling event. The HASP is included as **Appendix A**.

## 5.0 SCHEDULE

The following Schedule is provided for this work:

| Event | Schedule |
|---|---|
| Soil Vapor Intrusion Investigation | March 2025 |
| Soil Vapor Intrusion Investigation Report | Two weeks from receipt of analytical data |

Should you have any questions about our proposal, please contact Karen Tyll at (631) 629-5373 or karen@tyllengineering.com or Mark Hutson at (646) 929-8955 or Mark.Hutson@gza.com.

Very truly yours,

**TYLL ENGINEERING AND CONSULTING, PC**

Karen G. Tyll, P.E.
President

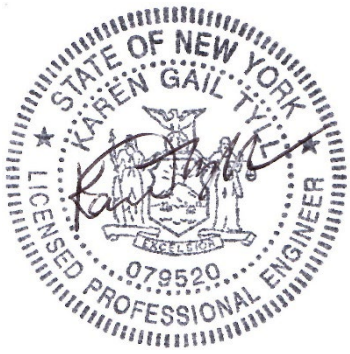
**GZA GEOENVIRONMENTAL OF NEW YORK**

Mark Hutson, P.G.
Senior Project Manager

**ATTACHMENTS**

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – SVE Layout
Figure 4 – Sample Location Map

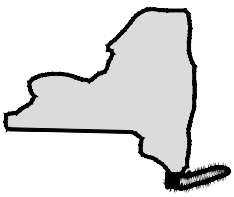
I _Karen Tyll, PE___certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375] and that this Report, "Soil Vapor Investigation Work Plan," was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).




February 7, 2025

# FIGURES


NEW YORK



QUADRANGLE LOCATION

SOURCE:

USGS TOPOGRAPHIC MAPS: NY (2023). CONTOUR INTERVAL 10FT., NAVD-1988, ORIGINAL SCALE 1:24,000 (1IN.=2,000FT.).

N
W E
S



11-07 DEKALB AVENUE, BROOKLYN, NY

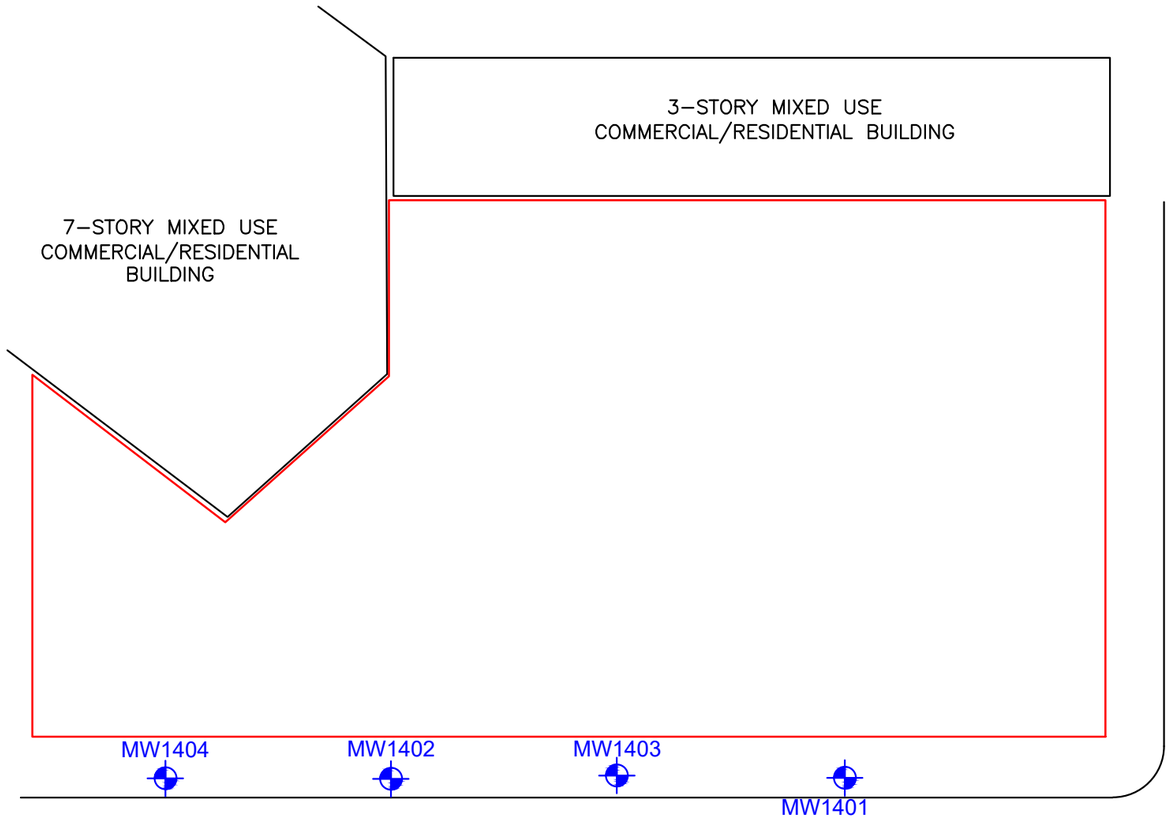
PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

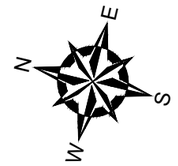
PREPARED FOR:
ABC NY

**SITE LOCATION MAP**

| | | | |
|---|---|---|---|
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 1 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: N.T.S | |
| DATE: OCTOBER, 2024 | PROJECT NO. 41.0163281.10 | REVISION NO. - | SHEET NO. 1 OF 1 |


GZA–J:\Active 163200 to 163299\163281.10 – 1107 Dekalb – Well Installation and SVI\Drawings\GZA CAD\163281.10.dwg [FIG 1 8.5x11 (2)] October 14, 2024 – 2:34pm Selia.Gupta




## GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "ENGINEERING CONTROLS – SVE SYSTEM" PREPARED BY "AMC ENGINEERING, PLLC", ORIGINAL SCALE 1" = 25', DATED OCTOBER 17, 2019.
2. EXPLORATION LOCATIONS SHOWN ARE BASED ON TAPE MEASUREMENTS FROM TOPOGRAPHICAL FEATURES. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

## LEGEND

APPROXIMATE SITE BOUNDARY

MW1400 APPROXIMATE MONITORING WELL LOCATION

0 10 20 40
SCALE IN FEET

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |



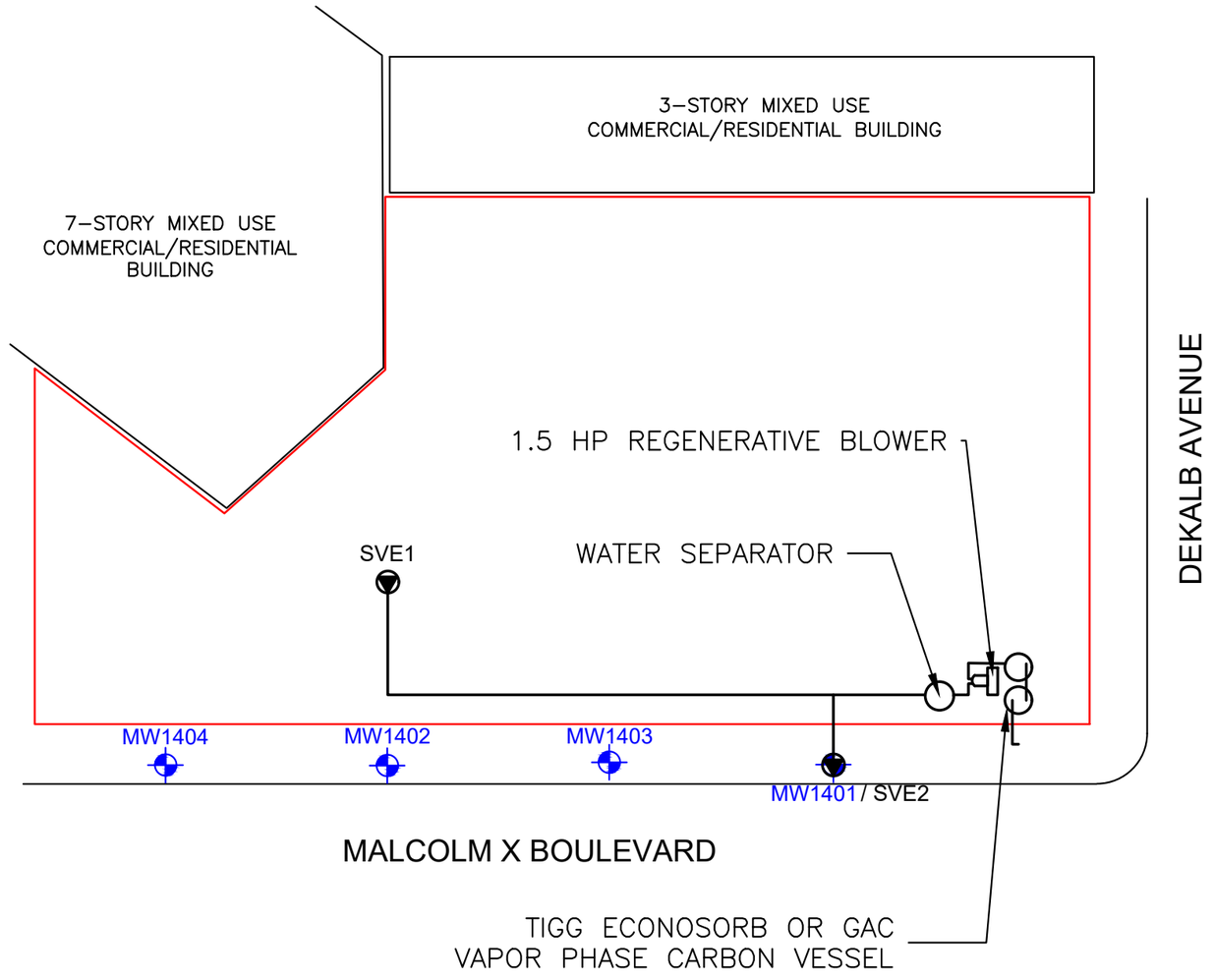
11-07 DEKALB AVENUE, BROOKLYN, NY

# SITE PLAN

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
ABC NY

| | | | |
|---|---|---|---|
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 2 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: 1" = 20' | |
| DATE: FEBRUARY 2025 | PROJECT NO. 41.0163281.10 | REVISION NO. - | SHEET NO. 1 OF 1 |




N E S W

## GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "ENGINEERING CONTROLS – SVE SYSTEM" PREPARED BY "AMC ENGINEERING, PLLC", ORIGINAL SCALE 1" = 25', DATED OCTOBER 17, 2019.
2. EXPLORATION LOCATIONS SHOWN ARE BASED ON TAPE MEASUREMENTS FROM TOPOGRAPHICAL FEATURES. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

## LEGEND

- APPROXIMATE SITE BOUNDARY
- MW1400 — APPROXIMATE MONITORING WELL LOCATION
- SVE1 — APPROXIMATE VAPOR EXTRACTION WELL

0 10 20 40
SCALE IN FEET

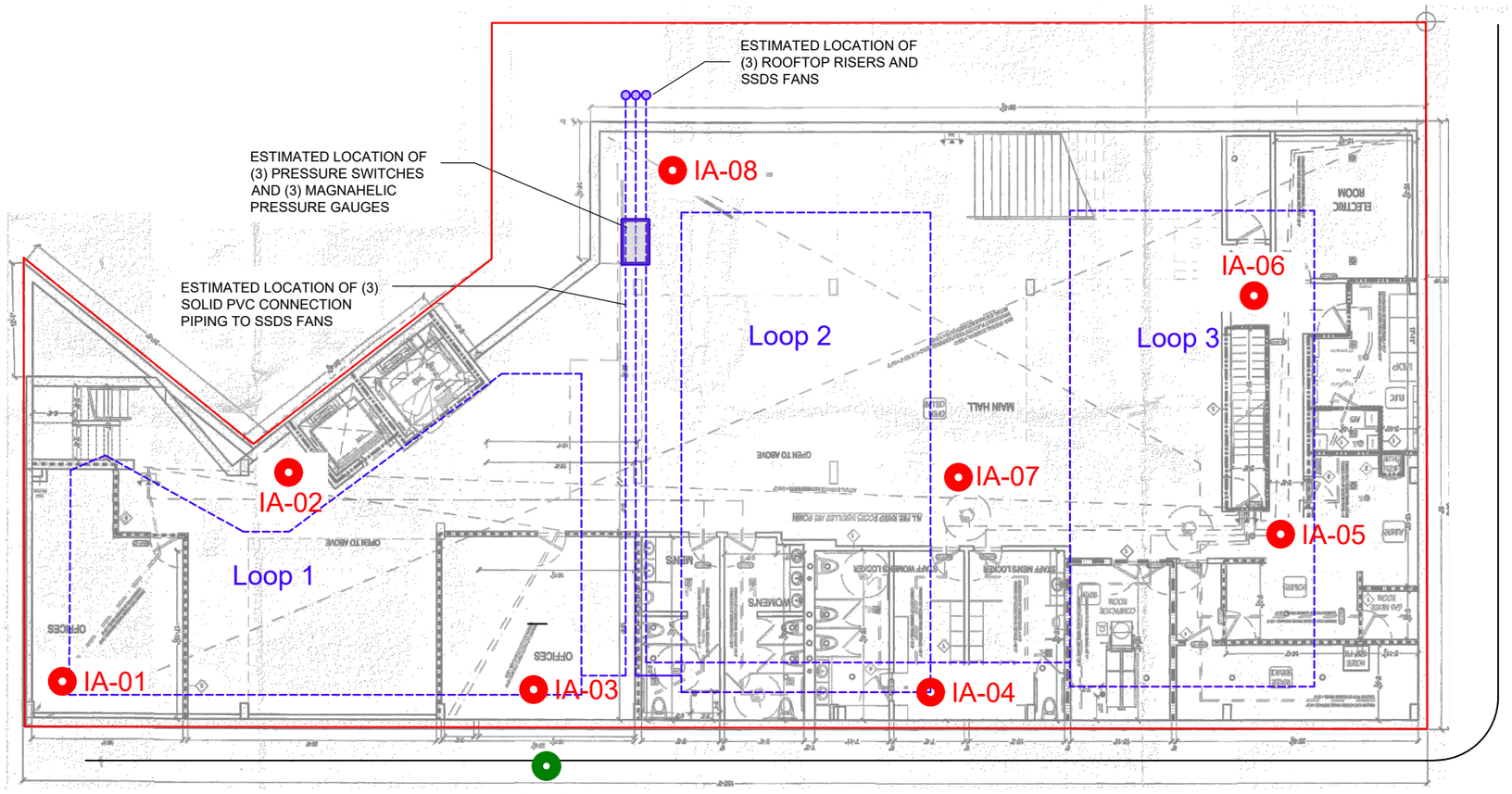
| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |



11-07 DEKALB AVENUE, BROOKLYN, NY

**SOIL VAPOR EXTRACTION LAYOUT**

| PREPARED BY: | PREPARED FOR: | | |
|---|---|---|---|
| GZA GeoEnvironmental of NY<br>Engineers and Scientists<br>www.gza.com | ABC NY | | |
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 3 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: 1" = 20' | |
| DATE: DECEMBER 2024 | PROJECT NO. 41.0163281.00 | REVISION NO. - | SHEET NO. 1 OF 1 |




0 7.5 15 30

SCALE IN FEET

## GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SSDS LAYOUT 11–07 DEKALB AVENUE BROOKLYN, NY", PREPARED BY "TYLL ENGINEERING & CONSULTING PC", ORIGINAL SCALE 1" = 25', DATED MARCH 7, 2024.
2. EXPLORATION LOCATIONS SHOWN ARE BASED ON TAPE MEASUREMENTS FROM TOPOGRAPHICAL FEATURES. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

## LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF 4" PERFORATED PVC PIPING
- APPROXIMATE RISER LOCATIONS
- IA-01 APPROXIMATE INDOOR AIR SAMPLING LOCATION
- OA-01 APPROXIMATE OUTOODR AMBIENT AIR SAMPLING LOCATION

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |



11-07 DEKALB AVENUE, BROOKLYN, NY

**SAMPLE LOCATION MAP**

| | | | |
|---|---|---|---|
| PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com | | PREPARED FOR: ABC NY | |
| PROJ MGR: MH | REVIEWED BY: MH | CHECKED BY: VW | FIGURE 4 |
| DESIGNED BY: SG | DRAWN BY: SG | SCALE: 1" = 15' | |
| DATE: FEBRUARY 2025 | PROJECT NO. 41.0163281.10 | REVISION NO. - | SHEET NO. 1 OF 1 |

# APPENDICES

# APPENDIX A - HASP

# GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

| **1. CLIENT/SITE/PROJECT INFORMATION** | | |
|---|---|---|
| Client: ABC NY | | |
| Site Address: 1107 Dekalb Avenue, Brooklyn, NY | | |
| Site Description (be sure to list pertinent site features, chemicals used at the facility, and other potential hazard sources:<br>The Site is 9,529-square feet (SF) in area and is identified on the Brooklyn County tax map as Block 1600, Lot 7501. The Site is bordered by Malcolm X Boulevard to the west, Dekalb Avenue to the south, a 7-story mixed-use building to the north, and a 2-story and 3-story mixed-use building to the east. The Site is currently developed with an 8-story mixed-use building with a partial below grade basement. The Site is currently in the Site Management phase of the BCP. | | |
| Work Environment (active manufacturing, office, vacant site, undeveloped property, etc.):<br>The Site is an 8-story mixed-use building. Monitoring wells at the Site are located on the sidewalk along Malcolm X Boulevard. | | |
| Job/Project #: 41.0163281.10 | Estimated Start Date: TBD | Estimated Finish Date: TBD |
| Site is Covered by the Following Regulations: | OSHA HAZWOPER Standard ☒ | Mine Safety and Health Administration ☐ |
| | OSHA Construction Regulations ☐ | OSHA General Industry Regulations ☐ |

| **2. EMERGENCY INFORMATION** | | |
|---|---|---|
| Hospital Name: NYC Health + Hospitals/Woodhull | | Hospital Phone: 718-963-8000 |
| Hospital Address: 760 Broadway, Brooklyn, NY 11206 | | Directions and Street Map Attached: ☒ Yes |
| Local Fire #: 911 | Local Ambulance #: 911 | Local Police #: 911 |
| **WorkCare Incident Intervention Services:** | **For non-emergencies, if an employee becomes hurt or sick call 888-449-7787** | |
| Other Emergency Contact(s): Mark Hutson | Phone #'s: 646-929-8955 | |

Site-Specific Emergency Preparedness/Response Procedures/Concerns:

Review emergency contact information, locations of emergency equipment (e.g. first aid kits, fire extinguishers, evacuation routes), review of emergency procedures, and current location and access to hospital. Ensure that cell phone is charged daily and have vehicle phone chargers on hand.

Possible emergencies on site include physical injuries, chemical exposure, potential for heart attacks, fire, and heat/cold related injuries. Personnel on site will have current first aid and will be able to respond to minor injuries while emergency response personnel are contacted for assistance.

Personal Injury: For minor injuries, such as cuts, burns, exhaustion, heat cramps, insect stings, etc., the affected employee will be removed to an uncontaminated area for administration of appropriate first aid. If the injury warrants additional medical attention, the affected employee will be properly decontaminated, as necessary and appropriate to the situation, and transported to the nearest hospital or emergency medical facility.

For more serious injuries the Field Safety Officer (FSO) or designee will summon emergency assistance to the project site. No attempt will be made by GZA personnel to move the victim, unless in imminent danger, without the aid and/or instructions of qualified emergency response personnel.

owning ZERO
accidents – injuries - illnesses


- All EHS Events must be reported immediately to the Project Manager and to the GZA People-Based Safety mobile app.
- In the event of a chemical release greater than 5 gallons, site personnel will evacuate the affected area and relocate to an upwind location. The GZA Field Safety Officer and client site representative shall be contacted immediately.
- Site work shall not be conducted during severe weather, including high winds and lightning. In the event of severe weather, stop work, lower any equipment (drill rigs), and evacuate the affected area.

| **3. SCOPE OF WORK** | |
|---|---|
| General project description, and phase(s) or work to which this H&S Plan applies[1]. | SVI Investigation |
| Specific Tasks Performed by GZA: | • Collect indoor air samples within the building basement and an ambient air sample outside of the building. |
| Concurrent Tasks to be Performed by GZA-hired Subcontractors (List Subcontractors by Name): | N/A |
| Concurrent Tasks to be Performed by Others: | N/A |

| | |
|---|---|
| Any OSHA PERMIT-REQUIRED CONFINED SPACE entry?<br>☐ YES ☒ NO<br>IF YES, ADD CONFINED SPACE ENTRY PERMIT FOR THAT PORTION OF THE WORK | Any INDOOR fieldwork? ☒ YES ☐ NO<br>IF YES, EXPLAIN: indoor air sampling within the building basement |

| **4. SUB-SURFACE WORK, UNDERGROUND UTILITY LOCATION** | | | |
|---|---|---|---|
| Will subsurface explorations be conducted for this work (drilling, excavation, test pits)? | ☐ Yes | ☒ No | |
| Have GZA project-related files been searched for existing private utility drawings? | ☐ Yes | ☐ No | ☒ N/A |
| Has GZA requested utility drawings from our Client, property owner, and others? | ☐ Yes | ☐ No | ☒ N/A |

[1] Copy from or reference proposal or applicable design plan as appropriate.

| | |
|---|---|
| Have existing drawings been reviewed for possible conflicts with planned work? | ☐ Yes ☐ No ☒ N/A |
| Will GZA personnel be required to use a hand-auger as part of this work? | ☐ Yes ☐ No ☒ N/A |
| Site property ownership where underground explorations will be conducted on: | Public Access Property ☐ Yes ☒ No<br>Private Property ☒ Yes ☐ No |
| Have Necessary Underground Utility Notifications for Subsurface Work Been Made? N/A | ☐ Yes ☐ Yet to be conducted |
| Specify Clearance Date & Time, Dig Safe Clearance I.D. #, And Other Relevant Information: N/A | |

**IMPORTANT! For subsurface work, prior to the initiation of ground penetrating activities, GZA personnel to assess whether the underground utility clearance (UUC) process has been completed in an manner that appears acceptable, based on participation/ confirmation by other responsible parties (utility companies, subcontractor, client, owner, etc.), for the following:**

| | | | | |
|---|---|---|---|---|
| Electric: | ☐ Yes | ☐ No | ☒ NA | ☒ Other_____ |
| Fuel (gas, petroleum, steam): | ☐ Yes | ☐ No | ☒ NA | ☒ Other_____ |
| Communication: | ☐ Yes | ☐ No | ☒ NA | ☒ Other_____ |
| Water: | ☐ Yes | ☐ No | ☒ NA | ☒ Other_____ |
| Sewer: | ☐ Yes | ☐ No | ☒ NA | ☒ Other_____ |
| Other:_____ | ☐ Yes | ☐ No | ☐ NA | ☐ Other_____ |

Comments: NA

**5. HAZARD ASSESSMENT (CHECK ALL THAT APPLY AND ADDRESS EACH HAZARD IN SECTION 6)**

**A. GENERAL FIELDWORK HAZARDS**

| | |
|---|---|
| ☐ Confined Space Entry (Add Confined Space Entry Permit) | ☐ Overhead Hazards (i.e. falling objects, overhead power lines) |
| ☐ Abandoned or vacant building/Enclosed Spaces | ☒ Portable Hand Tools or Power Tools |
| ☒ Significant Slip/Trip/Fall Hazards | ☒ Significant Lifting or Ergonomic Hazards |
| ☐ Unsanitary/Infectious Hazards | ☐ Electrical Hazards (i.e. Equipment 120 Volts or Greater, Work Inside Electrical Panels, or Maintenance of Electrical Equipment) |
| ☐ Poisonous Plants | ☐ Other Stored energy Hazards (i.e. Equipment with High Pressure or Stored Chemicals) |
| ☐ Biting/Stinging Insects | ☐ Fire and/or Explosion Hazard |
| ☐ Feral Animal Hazards | ☐ Elevated Noise Levels |
| ☐ Water/Wetlands Hazards | ☐ Subsurface Work (Drilling/Excavations/Test Pits) |
| ☐ Remote Locations/Navigation/Orientation hazards | ☐ Explosives or Unexploded Ordinance/MEC |
| ☒ Heavy Traffic or Work Alongside a Roadway | ☐ Long Distance or Overnight Travel |
| ☒ Weather-Related Hazards | ☐ Personal Security or High Crime Area Hazards |
| ☐ Motor vehicle operation Hazards | ☐ Working Alone |
| ☐ Heavy Equipment Hazards | ☐ Ionizing Radiation or Non-Ionizing Radiation |
| ☐ Structural Hazards (i.e. unsafe floors/stairways/roof) | ☒ Chemical/Exposure Hazards (See Part B for Details) |
| ☐ Demolition/Renovation | ☐ Other: |
| ☒ Presence of Pedestrians or the General Public | |

**B. CHEMICAL/EXPOSURE HAZARDS (CONTAMINANTS ARE CONTAINED IN SOIL, WATER, X GROUNDWATER)**

| | |
|---|---|
| ☐ No chemical hazards anticipated | ☐ Methane |
| ☐ Hydrogen Sulfide (H2S) | ☐ Chemicals Subject to OSHA Hazard Communication (attach Safety Data Sheet for each chemical GZA brings to the site) |
| ☐ Cyanides, Hydrogen Cyanide (HCN) | ☐ Containerized Waste, Chemicals in Piping & Process Equipment |
| ☐ Carbon Monoxide | ☐ Emissions from Gasoline-, Diesel-, Propane-fired Engine, Heater, Similar Equipment |
| ☐ Herbicides, Pesticide, Fungicide, Animal Poisons | ☐ General Work Site Airborne Dust Hazards |
| ☐ Metals, Metal Compounds: | ☒ Volatile Organic Compounds (VOCs), BTEX |
| ☐ Corrosives, Acids, Caustics, Strong Irritants | ☐ Chlorinated Organic Compounds |
| ☐ Polychlorinated Biphenyls (PCBs) | ☐ Fuel Oil, Gasoline, Petroleum Products, Waste Oil |
| ☐ Polycyclic Aromatic Hydrocarbons (PAHs) | ☐ Asbestos |
| ☐ Compressed Gases | ☐ Oxygen Deficiency, Asphyxiation Hazards |
| ☐ Flammable/Combustible Liquids | ☐ Other: |
| ☐ Radiation Hazards (i.e. radioactive sealed/open source, x-rays, ultra violet, infrared, radio-frequency, etc.) | |

| 6. SITE-SPECIFIC OVERVIEW OF H&S HAZARDS/MITIGATIONS (NOTE: Based on Hazard Assessment, Section 5) | |
|---|---|
| Describe the major hazards expected to be present at the jobsite, and describe the safety measures to be implemented for worker protection (refer to items checked in Section 5 above). Use brief abstract statements or more detailed narrative as may be appropriate. | |
| **ON-SITE HAZARDS:** | **HAZARD MITIGATIONS:** |
| Task Hazard Analyses | JHA 21.01 General Outdoor Field Work<br>JHA 4.1 Drilling Ob- Monitoring Well Inst-Observations-Soil Sampling - Instrumentation Installation and Monitoring<br>JHA 20.11 Field Sampling<br>See additional Task Hazard Analyses on **Attachment G**. |
| Owning Zero | Ensure all GZA personnel on-site have downloaded the People Based Safety app to their mobile phones and are familiar with using it to report safety events. Prior to work each day, review Owning Zero rules with all onsite personnel during morning safety meeting. |
| Weather-Related Hazards | Weather conditions will be assessed prior to on-site work and forecast examined for anticipated period of work. If weather permits fieldwork, then workers will dress appropriately. Should inclement weather be encountered, the project scope may be reduced or rescheduled. Breaks will be taken to reduce exposure to the elements. If conditions change and lightning or thunder is observed, work will be suspended immediately, and workers will seek shelter. Work may resume if thunder and/or lightning cease for 30 minutes. In the case of cold weather, proper warm gear should be worn to minimize cold exposure. Hand warmers (e.g. "Hot Hands") should be used when appropriate to keep extremities warm and multiple breaks within a warm area (vehicle with heat) should be taken. Review the signs of heat stress, hypothermia, and dehydration before the start of fieldwork. Water, sunscreen, hardhat, tinted safety sunglasses, rain gear (if necessary) and periodic breaks should all be planned for. Be sure to consume plenty of liquids on hot summer days and stay out of direct sunlight for extended periods of time to the extent possible. Use protective ointments such as sunscreen and chap stick, and consult the OSHA Heat Safety App daily to determine risk of heat related illnesses for the day. Maintain extra clothing, blankets, etc. in the work vehicle for a change of clothing if necessary<br><br>Wear ice cleats if ground conditions are slippery. |
| Volatile Organic Compounds (VOCs), BTEX | "VOC contaminated groundwater can produce odors, fumes, and present ingestion, inhalation, and skin contact hazards. Compounds associated with gasoline and waste oils include benzene, xylene, toluene, gasoline, and various oils (hydrocarbons). These materials can cause eye, skin and respiratory tract irritation, liver and kidney damage, headaches, blurred vision, nausea, and dizziness.<br>1,4-dioxane. 1,4-Dioxane is readily adsorbed through the lungs and gastrointestinal tract. Some 1,4-dioxane may also pass through the skin, but studies indicate that much of it will evaporate before it is absorbed. Distribution is rapid and uniform in the lung, liver, kidney, spleen, colon and skeletal muscle tissue. Short-term exposure to high levels of 1,4-dioxane may result in nausea, drowsiness, headache, and irritation of the eyes, nose and throat.<br><br>Exposure to the vapors of benzene, ethyl benzene, toluene and xylenes above their respective permissible exposure limits (PELs), as defined by the Occupational Safety and Health Administration (OSHA), may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behavior. Benzene has been determined to be carcinogenic, targeting blood-forming organs and bone marrow. The primary route of exposure to VOCs is through inhalation and therefore air monitoring and respiratory protection is the primary control against exposure to VOCs. Air monitoring will be completed as specified below to |

| | |
|---|---|
| | minimize airborne exposures. Exposure through direct contact is possible and will be minimized through the use of PPE as prescribed herein.<br><br>Stop work and evacuate area if readings persist above OSHA permissible exposure limits in the breathing zone. Some common VOCs and their OSHA PELs are as follows: Benzene (1.0 ppm - 8 hr TWA), Toluene (200 ppm 8 hr -TWA), Ethylbenzene (100 ppm - 8hr TWA), Xylene (100 ppm - 8 hr TWA), Naphthalene (10 ppm - 8 hr TWA). Diesel (100 ppm 8-hr TWA _ ACGIH TLV as total hydrocarbons), Gasoline (300 ppm - 8 hr TWA_ACGIH TLV), Hydrogen Cyanide (10 ppm – OSHA 8 hr TWA).<br><br>Exposure to the vapors of benzene, ethyl benzene, toluene and xylenes above their respective permissible exposure limits (PELs), as defined by the Occupational Safety and Health Administration (OSHA), may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behavior. Benzene has been determined to be carcinogenic, targeting blood-forming organs and bone marrow. The primary route of exposure to VOCs is through inhalation and therefore air monitoring and respiratory protection is the primary control against exposure to VOCs. Air monitoring will be completed as specified below to minimize airborne exposures. Exposure through direct contact is possible and will be minimized through the use of PPE as prescribed herein.<br><br>BTEX Compounds. Exposure to the vapors of benzene, ethyl benzene, toluene and xylenes above their respective permissible exposure limits (PELs), as defined by the Occupational Safety and Health Administration (OSHA), may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behavior. Benzene has been determined to be carcinogenic, targeting blood-forming organs and bone marrow. The odor threshold for benzene is higher than the PEL and employees may be overexposed to benzene without sensing its presence, therefore, detector tubes must be utilized to evaluate airborne concentrations. |
| Presence of Pedestrians or the General Public | Establish warning signs and cones to delineate work area and warn pedestrians of work ahead. Maintain site control, do not allow access to unauthorized persons. Wear high visibility vest or clothing at all times when working in the roadway or near a sidewalk. Always be aware of pedestrians walking near the exclusion zone. If a pedestrian approaches the job site, work will cease until the pedestrian leaves the area. |
| Significant Slip/Trip/Fall Hazards | Inspect work area prior to starting work. Mark out or remove any potential hazards. Inspect area for uneven or sloped terrain, or around test pits. Wear sturdy shoes with ankle support and good tread. In winter weather, wear boot grips for more traction when walking. Look for potential natural depressions/holes/animal burrows, downed trees/limbs and other obstructions in the area of work and travel. Maintain one free hand to break falls. Watch for equipment on ground and slippery surfaces. Keep work area clean, no running, be mindful of changing weather conditions that may change footing conditions. Maintain safe distance from open borings. Be aware of surroundings. Ensure that borings are well marked (if left uncovered) or are appropriately filled to reduce trip/fall hazards. Do not leave borings or test pits open at the end of the work shift. Cover with metal plate if hole cannot be backfilled and label. |
| Remediation Systems O&M | The treatment system includes high voltage pumps and components. Caution shall be used when working with equipment. Ensure electrical components are de- |

| | |
|---|---|
| | energized prior to performing maintenance. A qualified subcontractor should be completing electrical/mechanical work. |
| Portable Hand Tools or Power Tools | Lift and transport hand tools using proper lifting techniques and keep a clean and orderly workspace. Be familiar with tool's operating instructions and specific hazards before beginning work; wear leather gloves when appropriate. Use grounded or double insulated power hand tools. Use GFCI plugs. Check extension cords and power cords keep all cords organized to avoid tripping hazards. Check cords for sign of fraying, or damage. Do not use portable tools that shows signs of damage. Observe proper electrical safety practices. Wear proper PPE. Store and carry tools correctly. Use the correct tool for the job. Know first aid response procedures to address potential injuries.<br>1. Wear safety glasses and other appropriate PPE. 2. Keep vents clear to maintain adequate ventilation. 3. Use sharp drill bits, blades or other cutting surfaces. 4. Use GFCI plugs and keep all cords clear of the cutting area during use. 5. Inspect for frays or damage before each use. 6. Disconnect power supply before changing or adjusting the equipment. |
| Heavy Traffic or Work Alongside a Roadway | The work proposed is being performed adjacent to existing roadways. At a minimum, set up cones and signs to delineate the work area. No vehicles or equipment shall be working or parked in the roadway or shoulder unless traffic control is in place that complies with the MUTCD. Consider the applicability of the MUTCD to the situation, and arrange for flaggers, warning signs and cones to delineate work area and warn vehicles of work ahead, if required. Maintain site control, do not allow access to unauthorized persons. Maintain safe distance from travel area and work outside the main traffic flow area whenever possible. Wear high visibility/reflective vest (Class III) at all times you are on and adjacent to roadway. Utilize flashing amber light on vehicle when vehicle is in or near traffic corridor and to access/egress the lane closure. Do not cross the road without approval from traffic control. Always face flow of traffic to maintain awareness. Access vehicle from opposite side of traffic. |
| Significant Lifting or Ergonomic Hazards | Proper lifting techniques (lifting with the legs, carrying the load at a reasonable height to allow for proper posture during the carry, and avoiding twisting while carrying loads) should be followed at all times. Caution should be used when lifting equipment. Be aware of hand position during all stages of the lift, transport and placement of equipment. Review equipment to be moved prior to lifting to prevent moving parts from crushing fingers or otherwise pinching skin. Do not stack items prior to carrying, but rather transport one item at a time to prevent shifting during carrying. |

**7. AIR MONITORING ACTION LEVELS – Make sure air monitoring instruments are in working order, calibrated before use, and 'bump-checked' periodically throughout the day and/or over multiple days of use**

Is air monitoring to be performed for this project? Yes ☐ No ☒

**ACTION LEVELS FOR OXYGEN DEFICIENCY AND EXPLOSIVE ATMOSPHERIC HAZARDS (Action levels apply to occupied work space in general work area)**

☐ Applicable, See Below. ☐ Not Applicable

| Parameter | Response Actions for Elevated Airborne Hazards |
|---|---|
| Oxygen | At 19.5% or below – Exit area, provide adequate ventilation, or proceed to Level B, or discontinue activities<br>Verify presence of adequate oxygen (approx. 12% or more) before taking readings with LEL meter.<br>Note: If oxygen levels are below 12%, LEL meter readings are not valid. |
| LEL | Less than 10% LEL – Continue working, continue to monitor LEL levels<br>Greater than or Equal to 10% LEL – Discontinue work operations and immediately withdraw from area. Resume work activities ONLY after LEL readings have been reduced to less than 10% through passive dissipation, or through active vapor control measures. |

**ACTION LEVELS FOR INHALATION OF TOXIC/HAZARDOUS SUBSTANCES (Action levels are for sustained breathing zone concentrations)**

☐ Applicable, See Below. ☐ Not Applicable

| Air Quality Parameters (Check all that apply) | Remain in Level D or Modified D | Response Actions for Elevated Airborne Hazards |
|---|---|---|
| ☐ VOCs | 0 to ppm | From ppm to ppm: Proceed to Level C, or Ventilate, or Discontinue Activities<br>If greater than ppm: Discontinue Activities and consult EHS Team |
| ☐ Carbon Monoxide | 0 to 35 ppm | At greater than 35 ppm, exit area, provide adequate ventilation, proceed to Level B, or discontinue activities. |
| ☐ Hydrogen Sulfide | 0 to 10 ppm | At greater than 10 ppm, exit area, provide adequate ventilation, proceed to Level B, or discontinue activities |
| ☐ Dust | 0 to $mg/m^3$ | |
| ☐ | 0 to | |

**SPECIAL INSTRUCTIONS/COMMENTS REGARDING AIR MONITORING (IF APPLICABLE)**

## 8. HEALTH AND SAFETY EQUIPMENT AND CONTROLS

**AIR MONITORING INSTRUMENTS**

- ☒ PID Type: MiniRAE 3000+ or equivalent Lamp Energy: 10.6 eV
- ☐ FID Type:
- ☐ Carbon Monoxide Meter
- ☐ Hydrogen Sulfide Meter
- ☐ $O_2$/LEL Meter
- ☐ Particulate (Dust) Meter
- ☐ Calibration Gas Type
- ☐ Others:

**OTHER H&S EQUIPMENT & GEAR**

- ☐ Fire Extinguisher
- ☐ Caution Tape
- ☒ Traffic Cones or Stanchions
- ☐ Warning Signs or Placards
- ☐ Decon Buckets, Brushes, etc.
- ☐ Portable Ground Fault Interrupter (GFI)
- ☐ Lockout/Tagout Equipment
- ☐ Ventilation Equipment
- ☒ Others: first aid kit, cell phone, soap, water

**PERSONAL PROTECTIVE EQUIPMENT**

- ☐ Respirator – Type
- ☐ Respirator - Cartridge Type:
- ☒ Hardhat
- ☒ Outer Gloves Type: Nitrile
- ☐ Inner Gloves Type:
- ☒ Steel-toed boots/shoes
- ☐ Coveralls – Type
- ☐ Outer Boots – Type
- ☒ Eye Protection with side shields
- ☐ Face Shield
- ☒ Traffic Vest
- ☐ Personal Flotation Device (PFD)
- ☐ Fire Retardant Clothing
- ☐ EH (Electrical Hazard) Rated Boots, Gloves, etc.
- ☒ Noise/Hearing Protection
- ☐ Others:

**Discuss/Clarify, as Appropriate:**

| 9. H&S TRAINING/QUALIFICATIONS FOR FIELD PERSONNEL | |
|---|---|
| ☒ Project-Specific H&S Orientation (Required for All Projects/Staff) | ☐ Lockout/Tagout Training |
| ☒ OSHA 40-Hour HAZWOPER/8 Hour Refreshers | ☐ Electrical Safety Training |
| ☐ Hazard Communication (for project-specific chemical products) | ☐ Bloodborne Pathogen Training |
| ☒ First Aid/CPR (required for HAZWOPER for at least one individual on site) | ☐ |
| ☒ Current Medical Clearance Letter (required for HAZWOPER) | ☐ |
| ☐ OSHA 10-hour Construction Safety Training | ☐ |
| ☐ Fall Protection Training | ☐ |
| ☐ Trenching & Excavation | ☐ |
| **Discuss/Clarify, as needed:** | |

| 10. PERSONNEL AND EQUIPMENT DECONTAMINATION (SECTION ONLY REQUIRED FOR HAZWOPER SITES) | |
|---|---|
| Describe personnel decontamination procedures for the project site, including "dry decon" (simple removal of PPE) | Dry decon. Wash hands and exposed skin with soap and water prior to taking breaks or leaving the site. Change PPE before leaving the site. |

**11. PROJECT PERSONNEL - ROLES AND RESPONSIBILITIES**

**GZA ON-SITE PERSONNEL:**

| Name(s) | Project Title/Assigned Role | Telephone Numbers |
|---|---|---|
| Yunmee Han | Site Supervisor | Work: 646-929-8941<br>Cell: 317-999-8432 |
| Yunmee Han | Field Safety Officer | Work: 646-929-8941<br>Cell: 317-999-8432 |
| Yunmee Han | First Aid Personnel | Work: 646-929-8941<br>Cell: 317-999-8432 |
| Yunmee Han | GZA Project Team Members | Work: 646-929-8941<br>Cell: 317-999-8432 |

**Site Supervisors and Project Managers (SS/PM)**: Responsibility for compliance with GZA Health and Safety programs, policies, procedures and applicable laws and regulations is shared by all GZA management and supervisory personnel. This includes the need for effective oversight and supervision of project staff necessary to control the Health and Safety aspects of GZA on-site activities.

**Field Safety Officer (FSO):** The FSO is responsible for implementation of the Site Specific Health and Safety Plan.

**First Aid Personnel:** At least one individual designated by GZA who has current training and certification in basic first aid and cardiopulmonary resuscitation (CPR) must be present during on-site activities involving multiple GZA personnel at HAZWOPER sites.

**GZA Project Team:** Follow instructions relayed by the HASP and GZA manager on-site.

**OTHER PROJECT PERSONNEL:**

| Name | Project Title/Assigned Role | Telephone Numbers |
|---|---|---|
| Victoria Whelan | Principal-in-Charge | Work: 631-847-1606<br>Cell: 631-847-1606 |
| Mark Hutson | Project Manager | Work: 646-929-8955<br>Cell: 332-208-2260 |
| Mark Hutson | Office Safety Coordinator | Work: 646-929-8955<br>Cell: 332-208-2260 |
| Richard Ecord | GZA EHS Director | Work: 781-278-3809<br>Cell: 404-234-2834 |

**Principal-in-Charge:** Responsible of overall project oversight, including responsibility for Health and Safety.

**Project Manager:** Responsible for day-to-day project management, including Health and Safety.

**Health and Safety Coordinator:** General Health and Safety guidance and assistance.

**GZA EHS Director:** H &S technical and regulatory guidance, assistance regarding GZA H&S policies and procedures.

| **12. PLAN ACKNOWLEDGEMENT AND APPROVALS** | | |
|---|---|---|
| **GZA Project Site Worker Plan Acknowledgement** | | |
| *I have read, understood, and agree to abide by the information set forth in this Safety and Accident Prevention Plan. I will follow guidance in this plan and in the GZA Health and Safety Program Manual. I understand the training and medical monitoring requirements covered by the work outlined in this plan and have met those requirements.* | | |
| GZA Employee Name | GZA Employee Signature | Date |
| **Yunmee Han** |  | **1/30/2025** |
| | | |
| | | |
| **Subcontractor Site Worker Plan Acknowledgement** | | |
| *GZA has prepared this plan solely for the purpose of protecting the health and safety of GZA employees. Subcontractors, visitors, and others at the site must refer to their organization's health and safety program or site-specific HASP for their protection. Subcontractor employees may use this plan for general informational purposes only. Subcontractor firms are obligated to comply with safety regulations applicable to their work, and understand this plan covers GZA activities only.* | | |
| Subcontractor Employee Name | Subcontractor Employee Signatures | Date |
| | | |
| | | |
| | | |

# ATTACHMENT B

**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 Jazlyn Natalie, Yunmee Han Date/Time Prepared 3/24/25

Preparer's Affiliation GZA GeoEnvironmental Phone No. 929-946-1837

Purpose of Investigation 1107 Dekalb SVI Investigation

**1. OCCUPANT:**

**Interviewed: Y /(N)**

Last Name: _____ First Name: _____

Address: _____

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: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response) No

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

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) shelter

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

**Other characteristics:**

Number of floors 6 Building age_____

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

Potential air exchange (pathway) from elevator, no direct

Airflow near source

Outdoor air infiltration

Summa canisters placed in common area in the basement.
(part of common area is open to lobby)

Infiltration into air ducts

**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:** _____(feet)

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

_____

_____

**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:** _____

| | | | | |
|---|---|---|---|---|
| **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.**

HVAC system is out of service for the duration of air testing.

## 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 | mechanical rooms, offices, common area |
| 1st Floor | lobby, dwelling units |
| 2nd Floor | dwelling units |
| 3rd Floor | |
| 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?_____

**h. Have cleaning products been used recently?** (Y)/ N When & Type? see list

**i. Have cosmetic products been used recently?** Y (N) When & Type?_____

**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? _____

**n. Is there a bathroom exhaust fan?** Y / N If yes, where vented? _____

**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: _____

**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? _____

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

**Is there a radon mitigation system for the building/structure?** Y / N Date of Installation: _____
**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:** _____

**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

N/A

## 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:**

See Figure

**First Floor:**

See Figure

## 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.**

See Figure

## 13. PRODUCT INVENTORY FORM

**Make & Model of field instrument used:** RAE Systems MiniRae 3000+

**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 |
|---|---|---|---|---|---|---|
| compactor room | valspar ultra interior paint + primer | 580 fl oz | UO | | 0.0 | Y |
| Compactor room | Plus 3 Sheetrock compound | 4.5 gal | UO | | 0.0 | Y |
| compactor room | Henry Ready Set premixed mastic adhesive | 1 gal | UO | | 0.0 | Y |
| compactor room | Tilex disinfecting instant mold & mildew remover | 1 QT | U | Sodium hypochlorite | 0.0 | Y |
| compactor room | Windex glass cleaner | 23 oz | U | | 0.0 | Y |
| compactor room | Hard surface disinfecting wipes | | U | Ethyl alcohol | 0.0 | Y |
| compactor room | Lynx stainless steel cleaner & polish | 18 oz | U, UO | | 0.0 | Y |
| compactor room | Febreze air freshner spray | 8.8 oz | U | | 0.0 | Y |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

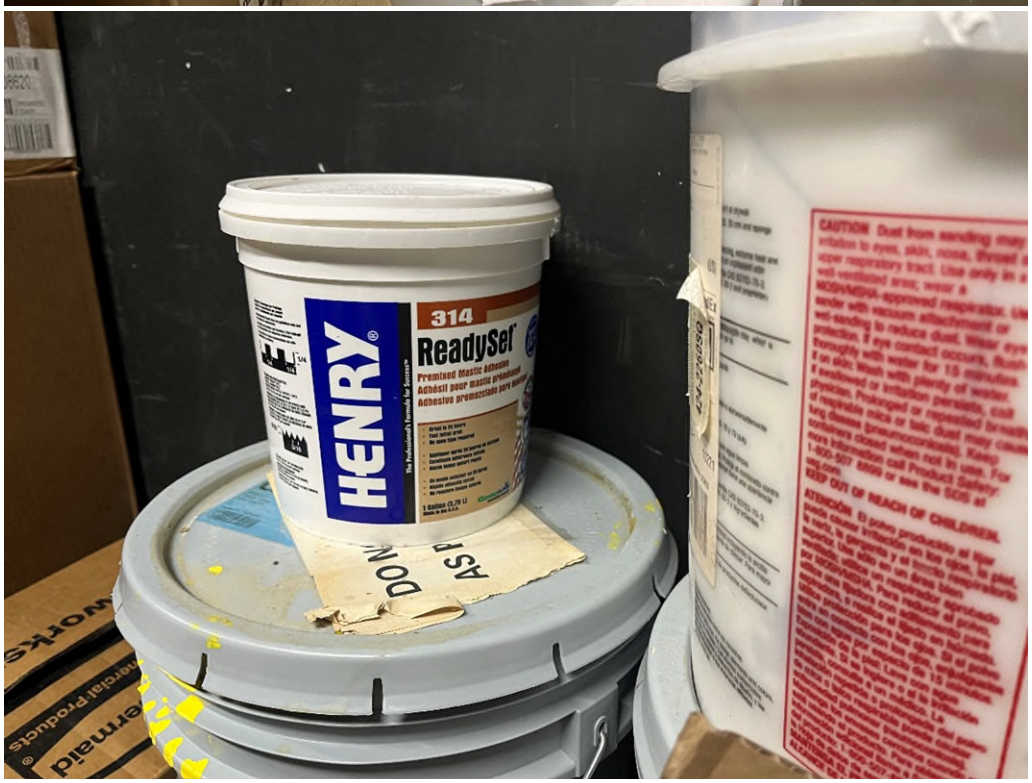
* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must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


W/B
stainless steel
& polish


enMotion


SofPull
56501
SofPull
56501
FRAGILE
FRAGILE
FRAGILE
FRAGILE
BANKERS BOX
BANKERS BOX

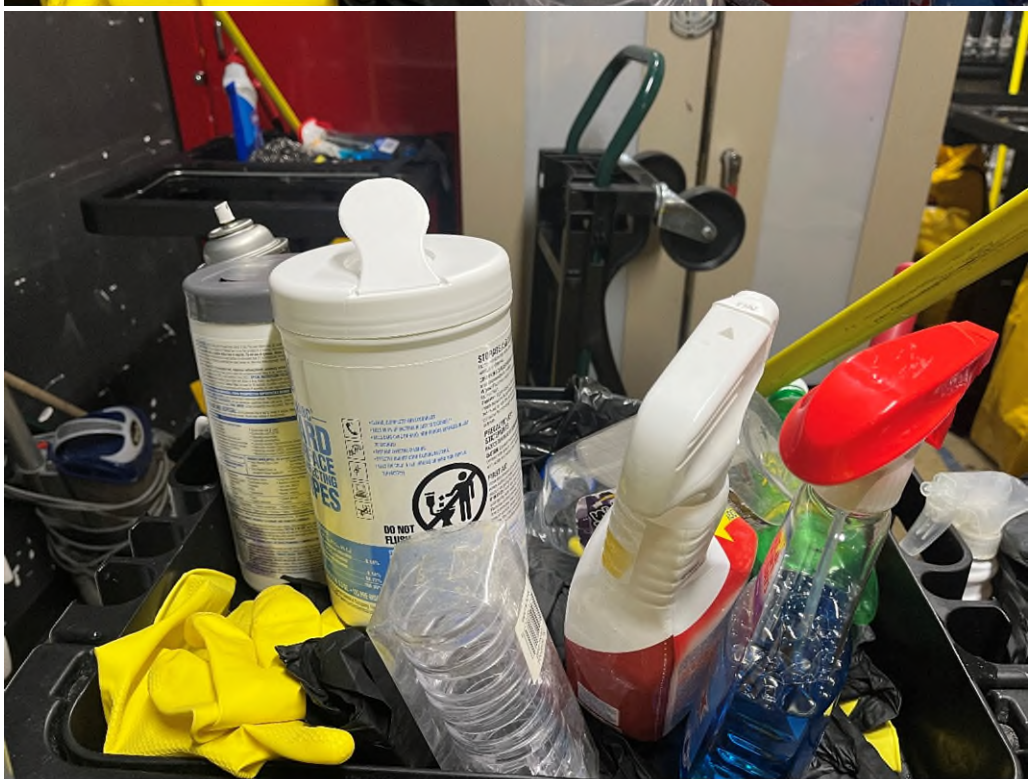

semi-gloss | interior
valspar
ULTRA
INTERIOR PAINT + PRIMER
USG
SHEETROCK
PLUS 3
Joint Compound


HENRY
314
ReadySet
Premixed Mastic Adhesive


KILLS 99.9%
OF GERMS*
CLOROX PRO
TILEX
Disinfecting
Instant Mold
& Mildew
Remover


FRAGILE
BANKERS BOX
ORGANIZATION MADE EASY™


Spartan
NABC
HARD
SURFACE
DISINFECTING
WIPES
ACTIVE INGREDIENTS:



# ATTACHMENT C

# SOIL VAPOR SAMPLE FIELD LOG

PROJECT NAME: 1107 Dekalb Avenue

DATE : 3/24/2025 - 3/25/2024

LOCATION: 1107 Dekalb Avenue, Brooklyn, NY 11222

FILE NO.: 41.0163281.10

GZA Engineer: YH & JN

Contractor/Lab: York Laboratories

Weather: 40-50s, Sunny

Analytical Method: EPA TO-15

Depth to Water:

Operator:

Ground Elevation:

Barometric Pressure: 30.1 in

PID Calibration: 0.0/100.0 ppm

Water Elevation:

| Sample ID | Canister No. | Regulator No. | Sample Depth (ft) | Vacuum Pressure (in.Hg) | | Purge Time | | | Sample Date | Sample Time | | PID Reading (ppm) | Container Type | Surface Cover | Driving Effort | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Start | End | Purge Start | Purge Stop | Elapsed Time | | Start | End | | | | | |
| IA-01 | 16156 | 21010 | 3' above ground | -30 | -9 | | | | 3/24/25 | 11:45 | 10:05 | | SC | | | |
| IA-02 | 24116 | 20949 | 6' above ground | -30 | -8 | | | | 3/24/25 | 11:50 | 10:10 | | SC | | | Over vending machine |
| IA-03 | 37012 | 20454 | 3' above ground | -29 | -9 | | | | 3/24/25 | 12:20 | 10:20 | | SC | | | |
| IA-04 | 28304 | 20924 | 3' above ground | -30 | -7 | | | | 3/24/25 | 11:55 | 09:53 | | SC | | | |
| IA-05 | 50247 | 20929 | 3' above ground | -30 | 0 | | Not Applicable | | 3/24/25 | 12:10 | 09:55 | | SC | | | Duplicate sample |
| IA-06 | 17347 | 21046 | 3' above ground | -29 | -8 | | | | 3/24/25 | 12:15 | 10:15 | | SC | | | |
| IA-07 | 49149 | 20945 | 6' above ground | -30 | -8 | | | | 3/24/25 | 12:05 | 10:00 | | SC | | | Over vending machine |
| IA-08 | 24113 | 20923 | 3' above ground | -27 | -6 | | | | 3/24/25 | 12:00 | 09:50 | | SC | | | |
| OA-01 | 10727 | 20431 | 3' above ground | -28 | -2 | | | | 3/24/25 | 12:40 | 10:25 | | SC | | | |
| | | | | | | | | | | | | | | | | |

**ABBREVIATIONS:**

ft. - feet

in.Hg- Inches of mercury
l./min. - liters per minute
cu. Ft. - cubic feet
ppm - parts per million
NA - not applicable

| CONTAINER TYPE | SURFACE COVER | PROBE DRIVING EFFORT | SOIL MOISTURE CONTENT |
|---|---|---|---|
| TB -Tedlar Bag | SO - Soil | E - Easy | D- Dry |
| SC- Suma Canister | GIL - Grass/Loam | M - Moderate | M- Moderate |
| ST- Sorbant Tube | Asph - Asphalt | D - Difficult | W - Wet |
| | Cncrt - Concrete | R - Rellisal | S - Saturated |

**REMARKS:**

DOH Low limit

# ATTACHMENT D

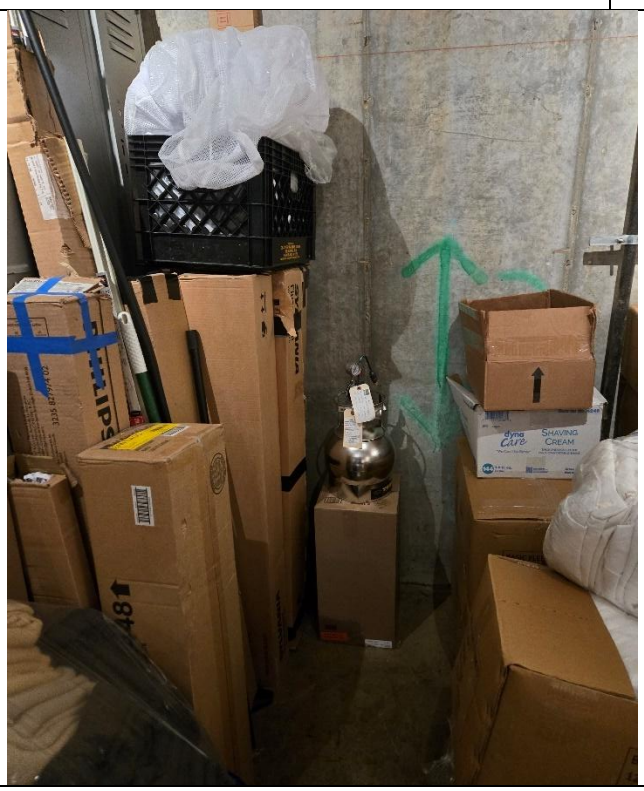
# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 1 | 3/24/2025 |

**Direction Photo Taken:**
West

**Description:**
IA-01 – placed in the laundry room



| **Photo No.** | **Date:** |
|---|---|
| 2 | 3/24/2025 |

**Direction Photo Taken:**
West

**Description:**
IA-02

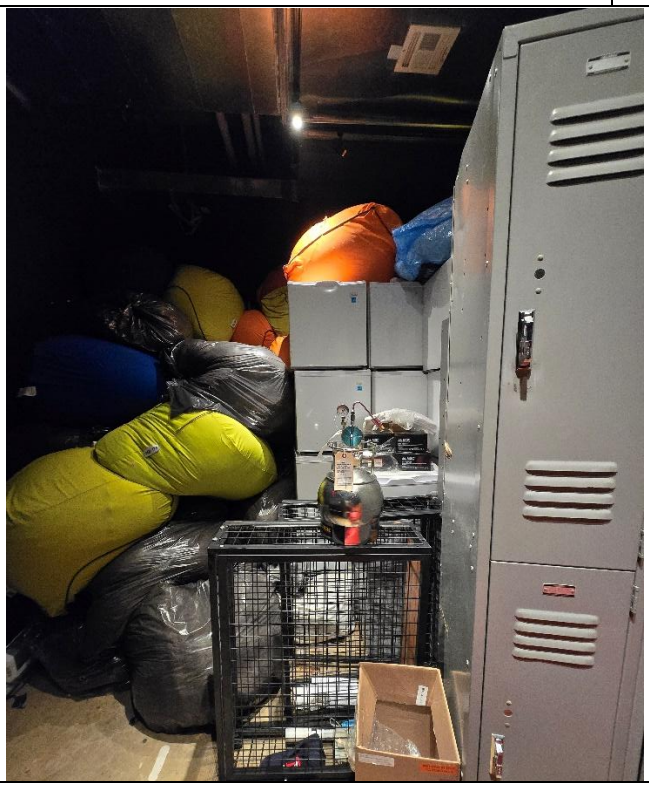
# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 3 | 3/24/2025 |

**Direction Photo Taken:**
South

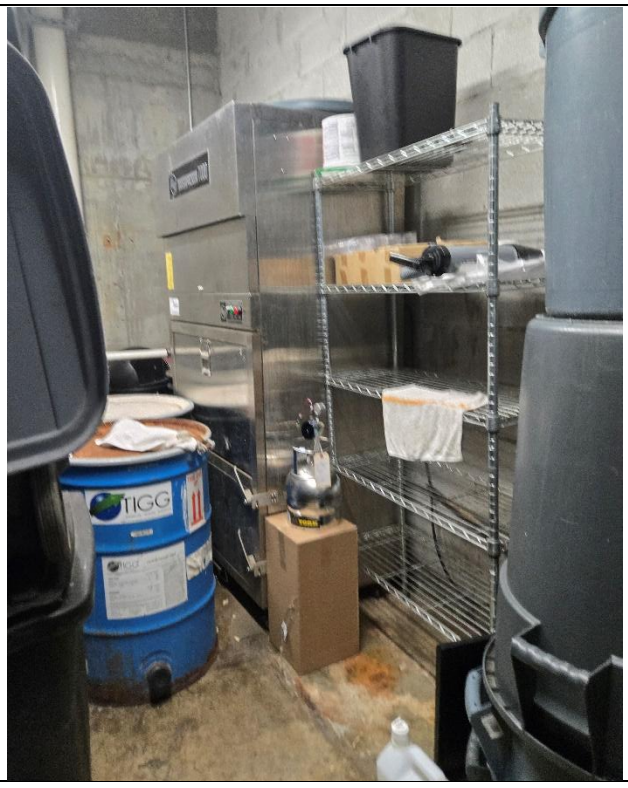
**Description:**
IA-03 – placed in the storage room



| **Photo No.** | **Date:** |
|---|---|
| 4 | 3/24/2025 |

**Direction Photo Taken:**
West

**Description:**
IA-04 – placed in the compactor room



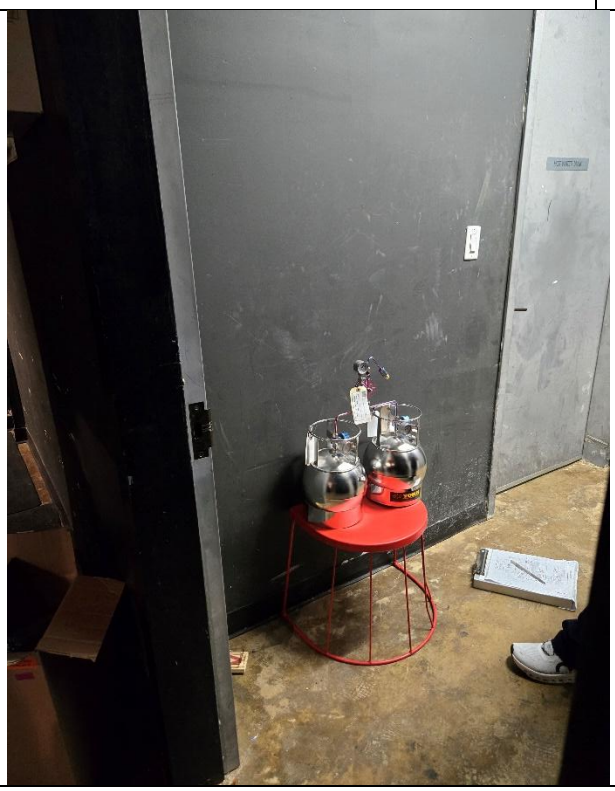
# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 5 | 3/24/2025 |

**Direction Photo Taken:**
Southwest

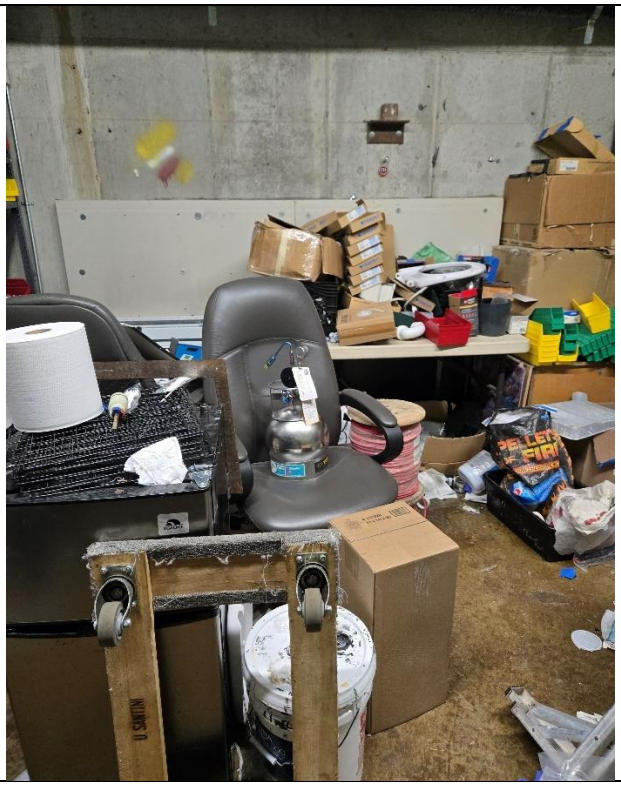
**Description:**
IA-05 and duplicate – placed near the entrance of the boiler room



| **Photo No.** | **Date:** |
|---|---|
| 6 | 3/24/2025 |

**Direction Photo Taken:**
East

**Description:**
IA-06 – placed in the electrical room



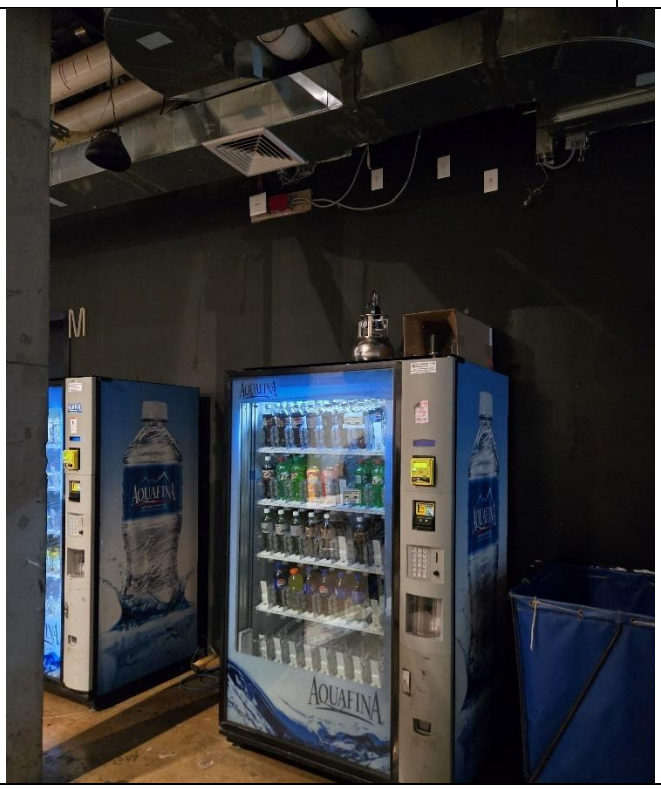
# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 7 | 3/24/2025 |

**Direction Photo Taken:**
Southwest

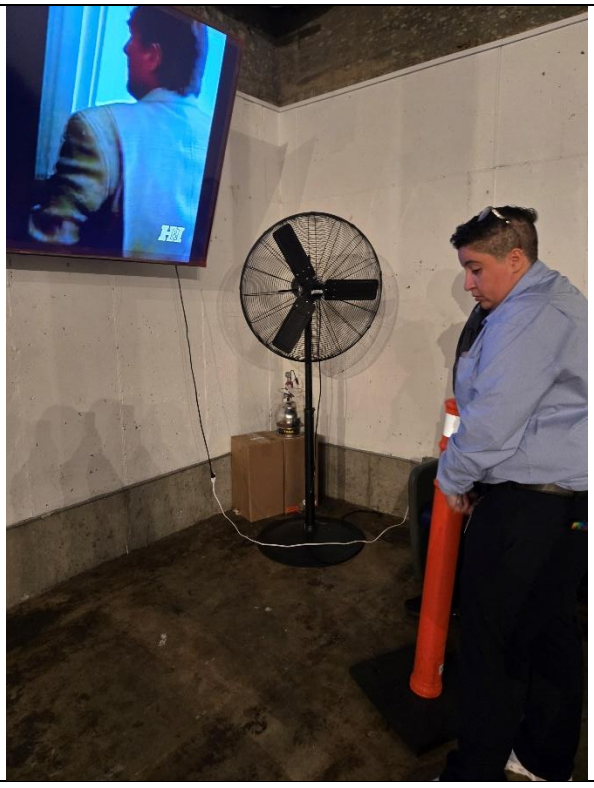
**Description:**
IA-07




| **Photo No.** | **Date:** |
|---|---|
| 8 | 3/24/2025 |

**Direction Photo Taken:**
North

**Description:**
IA-08 – placed near the SSDS system gauge



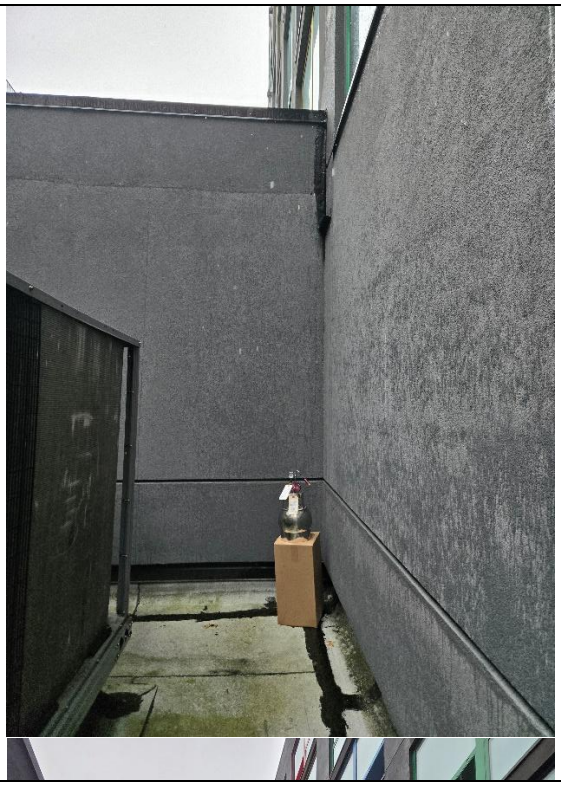
# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 9 | 3/24/2025 |

**Direction Photo Taken:**
South

**Description:**
OA-01 – placed near the HVAC and is currently out of service



| **Photo No.** | **Date:** |
|---|---|
| 10 | 3/24/2025 |

**Direction Photo Taken:**
East

**Description:**
SSDS riser pipes located near HVAC

# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 11 | 3/25/2025 |

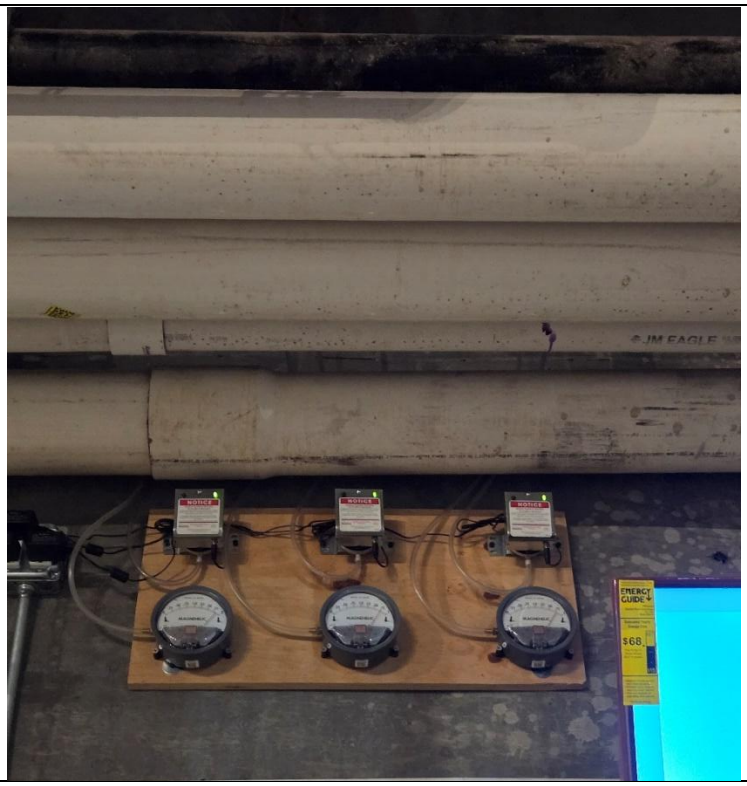
**Direction Photo Taken:**
West

**Description:**
SVE system located in compactor room – the system is turned off for the SVI sampling event


| **Photo No.** | **Date:** |
|---|---|
| 12 | 3/25/2025 |

**Direction Photo Taken:**
North

**Description:**
SSDS system gauge



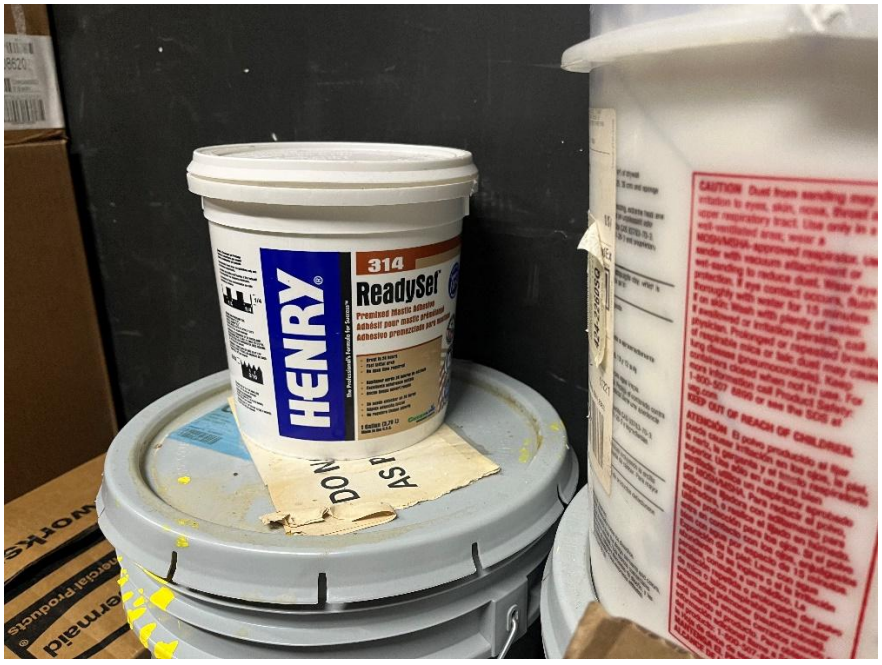
# Photographic Log

| | | |
|---|---|---|
| **Client Name:** ABC NY Inc. | **Site Location:** 1107 Dekalb Avenue - Brooklyn, NY | **Project No.** 41.0163281.10 |

| **Photo No.** | **Date:** |
|---|---|
| 13 | 3/24/2025 |

**Direction Photo Taken:**
West

**Description:**
Several chemicals, including household cleaning products, stainless steel cleaner, sheetrock compound, and paint, were observed throughout the building.

# ATTACHMENT E

# Site Inspection Checklist - Cover System

Client: ABC NY Inc.
Site: 1107 Dekalb Avenue, Brooklyn (Former Getty Service Station)
Time: 12:03 PM 3/24/2025

Weather: 30-50s, Rain
Inspector: Yunmee Han & Jazlyn Natalie

**Visual Inspection of the Concrete Slab of the Building**

**Building Interior**

Describe General Condition of Slab: Good

Describe any cracks/penetration: None

Describe any patching: None

**Visual Inspection of Sidewalks/Paved Areas**

**Building Exterior**

Describe General Condition of Slab: Good

Describe any cracks/penetration: None

Describe any patching: None

Additional comments regarding repairs needed and/or maintenance at this time:

N/A

Signature _____ Date: 3/24/2025

# Soil Vapor Extraction Inspection Form

Client: ABC NY Inc.

Site: 1107 Dekalb Avenue (Former Getty Service Station)

Time and Date: 12:07 pm, March 24, 2025

Weather: 30-50s, Rain

Inspector: Yunmee Han and Jazlyn Natalie

| **Extraction Point** | **Vacuum (iwc)** |
|---|---|
| **Influent Vaccum** | N/A |
| **Sample Ports** | **PID (ppm)** N/A |
| **Before Carbon** | N/A |
| **Between Carbon** | N/A |
| **After Carbon** | N/A |

| **Inspection:** | **Yes/No** | **Comments** |
|---|---|---|
| **Blower Operating?** | No | SVE system is off for the SVI sampling |
| **Spare Carbon Drums?** | No | |
| **System Integrity?** | Good | |

Additional Comments/Nots:

SVE system is off for the SVI sampling event
SSDS riser manometer readings: ~1.75 inches of water/0.0631 psi (all three manometers).

# ATTACHMENT F

# Technical Report

prepared for:

**GZA GeoEnvironmental, Inc. - NYC**
104 West 29th Street, 10th Floor
New York NY, 10001
**Attention: Mark Hutson**

Report Date: 04/17/2025
**Client Project ID: 41.0163281.10 1107 Dekalb Ave**
York Project (SDG) No.: 25C1573


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: 04/17/2025
Client Project ID: 41.0163281.10 1107 Dekalb Ave
York Project (SDG) No.: 25C1573

**GZA GeoEnvironmental, Inc. - NYC**
104 West 29th Street, 10th Floor
New York NY, 10001
Attention: Mark Hutson

## 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 March 25, 2025 and listed below. The project was identified as your project: **41.0163281.10 1107 Dekalb Ave**.

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

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

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

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

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

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 25C1573-01 | IA-01 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-02 | IA-02 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-03 | IA-03 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-04 | IA-04 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-05 | IA-05 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-06 | IA-05- Duplicate | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-08 | IA-07 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-09 | IA-08 | Indoor Ambient Air | 03/25/2025 | 03/25/2025 |
| 25C1573-10 | OA-01 | Outdoor Ambient Ai | 03/25/2025 | 03/25/2025 |

## General Notes for York Project (SDG) No.: 25C1573

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:** 04/17/2025

## Sample Information

**Client Sample ID:** **IA-01** **York Sample ID:** **25C1573-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:05 am | 03/25/2025 |

**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 | 0.71 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.57 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.71 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.79 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.57 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.42 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.10 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.77 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.76** | | ug/m³ | 0.51 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.80 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.62 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.42 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.48 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.72 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.51 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.69 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.62 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.48 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 106-46-7 | **1,4-Dichlorobenzene** | **0.62** | | ug/m³ | 0.62 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.75 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **1.2** | | ug/m³ | 0.24 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 78-93-3 | **2-Butanone** | **1.8** | | ug/m³ | 0.31 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |

## Sample Information

**Client Sample ID:** IA-01 **York Sample ID:** 25C1573-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:05 am | 03/25/2025 |

### 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 | 0.85 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.6 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.42 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 67-64-1 | **Acetone** | **32** | | ug/m³ | 2.0 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.9 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 71-43-2 | **Benzene** | **1.3** | | ug/m³ | 0.33 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.54 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.69 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.1 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.40 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.32 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.46** | | ug/m³ | 0.16 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.48 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.27 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 67-66-3 | **Chloroform** | **2.0** | | ug/m³ | 0.51 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 74-87-3 | **Chloromethane** | **1.6** | | ug/m³ | 0.21 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.10 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.47 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.36 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.88 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-71-8 | **Dichlorodifluoromethane** | **2.5** | | ug/m³ | 0.51 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 141-78-6 | *** Ethyl acetate** | **3.3** | | ug/m³ | 0.75 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 100-41-4 | **Ethyl Benzene** | **0.68** | | ug/m³ | 0.45 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |

## Sample Information

**Client Sample ID:** IA-01 **York Sample ID:** 25C1573-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:05 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.1 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 67-63-0 | **Isopropanol** | **47** | | ug/m³ | 1.5 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.42 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.37 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 2.2 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.1 | 1.037 | EPA TO-15<br>Certifications: NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 142-82-5 | **n-Heptane** | **0.85** | | ug/m³ | 0.43 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 110-54-3 | **n-Hexane** | **1.2** | | ug/m³ | 0.37 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 95-47-6 | **o-Xylene** | **1.2** | | ug/m³ | 0.45 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **2.9** | | ug/m³ | 0.90 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **0.61** | | ug/m³ | 0.51 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 115-07-1 | *** Propylene** | **3.0** | | ug/m³ | 0.18 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.44 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 127-18-4 | **Tetrachloroethylene** | **1.5** | | ug/m³ | 0.70 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.61 | 1.037 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 108-88-3 | **Toluene** | **2.8** | | ug/m³ | 0.39 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.41 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.47 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.14 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.58 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.37 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.45 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.13 | 1.037 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 16:04 | YR |

## Sample Information

**Client Sample ID:** **IA-01** **York Sample ID:** **25C1573-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:05 am | 03/25/2025 |

## Sample Information

**Client Sample ID:** **IA-02** **York Sample ID:** **25C1573-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:10 am | 03/25/2025 |

**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 | 0.59 | 0.863 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.47 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.59 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.66 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.47 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.35 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.086 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.64 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.51** | | ug/m³ | 0.42 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.66 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.52 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.35 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.40 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.60 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.42 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.57 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.52 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.40 | 0.863 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.52 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |

## Sample Information

**Client Sample ID:** IA-02 **York Sample ID:** 25C1573-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:10 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.62 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **0.97** | | ug/m³ | 0.20 | 0.863 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 78-93-3 | **2-Butanone** | **1.9** | | ug/m³ | 0.25 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.71 | 0.863 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.4 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.35 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 67-64-1 | **Acetone** | **45** | | ug/m³ | 1.6 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 107-13-1 | **Acrylonitrile** | **10** | | ug/m³ | 2.4 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 71-43-2 | **Benzene** | **1.6** | | ug/m³ | 0.28 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.45 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.58 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.89 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.34 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.27 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.38** | | ug/m³ | 0.14 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.40 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.23 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 67-66-3 | **Chloroform** | **1.3** | | ug/m³ | 0.42 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 74-87-3 | **Chloromethane** | **1.5** | | ug/m³ | 0.18 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.086 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.39 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 110-82-7 | **Cyclohexane** | **0.33** | | ug/m³ | 0.30 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.74 | 0.863 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |

## Sample Information

**Client Sample ID:** IA-02 **York Sample ID:** 25C1573-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:10 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **2.4** | | ug/m³ | 0.43 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | *** Ethyl acetate** | **22** | | ug/m³ | 0.62 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.52** | | ug/m³ | 0.37 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.92 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | **Isopropanol** | **38** | | ug/m³ | 1.3 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.35 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.31 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.8 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 0.90 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | **n-Heptane** | **0.81** | | ug/m³ | 0.35 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.1** | | ug/m³ | 0.30 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **0.75** | | ug/m³ | 0.37 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **2.0** | | ug/m³ | 0.75 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.42** | | ug/m³ | 0.42 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **2.6** | | ug/m³ | 0.15 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.37 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **1.5** | | ug/m³ | 0.59 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | *** Tetrahydrofuran** | **0.64** | | ug/m³ | 0.51 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **5.9** | | ug/m³ | 0.33 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.34 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.39 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.12 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-02 **York Sample ID:** 25C1573-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:10 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.48 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.30 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.38 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.11 | 0.863 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 17:09 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-03 **York Sample ID:** 25C1573-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:20 am | 03/25/2025 |

**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 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.54 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.68 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | 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 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.54 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.40 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.098 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.73 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.58** | | ug/m³ | 0.49 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.76 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.59 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.40 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-03 **York Sample ID:** 25C1573-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:20 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.46 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.69 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.49 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.66 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.59 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.46 | 0.989 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.59 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.71 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **1.1** | | ug/m³ | 0.23 | 0.989 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 78-93-3 | **2-Butanone** | **1.8** | | ug/m³ | 0.29 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.81 | 0.989 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.5 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.41 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 67-64-1 | **Acetone** | **54** | | ug/m³ | 1.9 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.8 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 71-43-2 | **Benzene** | **1.1** | | ug/m³ | 0.32 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.51 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.66 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.0 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.38 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.31 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.37** | | ug/m³ | 0.16 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.46 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |

## Sample Information

**Client Sample ID:** IA-03 **York Sample ID:** 25C1573-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:20 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.26 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 67-66-3 | **Chloroform** | **1.9** | | ug/m³ | 0.48 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 74-87-3 | **Chloromethane** | **1.4** | | ug/m³ | 0.20 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.098 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.45 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 110-82-7 | **Cyclohexane** | **0.34** | | ug/m³ | 0.34 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.84 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 75-71-8 | **Dichlorodifluoromethane** | **2.3** | | ug/m³ | 0.49 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 141-78-6 | *** Ethyl acetate** | **13** | | ug/m³ | 0.71 | 0.989 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 100-41-4 | **Ethyl Benzene** | **3.4** | | ug/m³ | 0.43 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.1 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 67-63-0 | **Isopropanol** | **38** | | ug/m³ | 1.5 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.40 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.36 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 2.1 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.0 | 0.989 | EPA TO-15<br>Certifications: NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 142-82-5 | **n-Heptane** | **0.73** | | ug/m³ | 0.41 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 110-54-3 | **n-Hexane** | **1.2** | | ug/m³ | 0.35 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 95-47-6 | **o-Xylene** | **1.5** | | ug/m³ | 0.43 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **4.0** | | ug/m³ | 0.86 | 0.989 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **0.53** | | ug/m³ | 0.49 | 0.989 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.17 | 0.989 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |

## Sample Information

**Client Sample ID:** IA-03 **York Sample ID:** 25C1573-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:20 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-42-5 | **Styrene** | **8.0** | | ug/m³ | 0.42 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **1.5** | | ug/m³ | 0.67 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | *** Tetrahydrofuran** | **0.64** | | ug/m³ | 0.58 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **4.0** | | ug/m³ | 0.37 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.39 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.45 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | **Trichloroethylene** | **0.16** | | ug/m³ | 0.13 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.56 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.35 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.43 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.13 | 0.989 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 18:14 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-04 **York Sample ID:** 25C1573-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:53 am | 03/25/2025 |

**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 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.52 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.66 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.73 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.52 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-04 **York Sample ID:** 25C1573-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:53 am | 03/25/2025 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.39 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.095 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.71 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.6** | | ug/m³ | 0.47 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.73 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.57 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.39 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.44 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.67 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.70** | | ug/m³ | 0.47 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.63 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.57 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.44 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | **1,4-Dichlorobenzene** | **0.57** | | ug/m³ | 0.57 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.69 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **1.3** | | ug/m³ | 0.22 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 78-93-3 | **2-Butanone** | **3.2** | | ug/m³ | 0.28 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.78 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.5 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.39 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **96** | | ug/m³ | 1.8 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.7 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.1** | | ug/m³ | 0.31 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** IA-04 **York Sample ID:** 25C1573-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:53 am | 03/25/2025 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.49 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 75-27-4 | **Bromodichloromethane** | **1.5** | | ug/m³ | 0.64 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.99 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.37 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.30 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.54** | | ug/m³ | 0.15 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.44 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.25 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 67-66-3 | **Chloroform** | **27** | | ug/m³ | 0.47 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 74-87-3 | **Chloromethane** | **1.4** | | ug/m³ | 0.20 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.095 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.43 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 110-82-7 | **Cyclohexane** | **0.53** | | ug/m³ | 0.33 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.81 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 75-71-8 | **Dichlorodifluoromethane** | **2.5** | | ug/m³ | 0.47 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 141-78-6 | *** Ethyl acetate** | **10** | | ug/m³ | 0.69 | 0.956 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 100-41-4 | **Ethyl Benzene** | **1.7** | | ug/m³ | 0.42 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.0 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 67-63-0 | **Isopropanol** | **29** | | ug/m³ | 1.4 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 80-62-6 | **Methyl Methacrylate** | **0.82** | | ug/m³ | 0.39 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.34 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 75-09-2 | **Methylene chloride** | **14** | | ug/m³ | 2.0 | 0.956 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.0 | 0.956 | EPA TO-15<br>Certifications: NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |

## Sample Information

**Client Sample ID:** IA-04 **York Sample ID:** 25C1573-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:53 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 142-82-5 | **n-Heptane** | **1.3** | | ug/m³ | 0.39 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.2** | | ug/m³ | 0.34 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **2.9** | | ug/m³ | 0.42 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **7.1** | | ug/m³ | 0.83 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | *** p-Ethyltoluene** | **1.4** | | ug/m³ | 0.47 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **3.0** | | ug/m³ | 0.16 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.41 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **8.9** | | ug/m³ | 0.65 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | *** Tetrahydrofuran** | **1.1** | | ug/m³ | 0.56 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **14** | | ug/m³ | 0.36 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.38 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.43 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.13 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.54 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.34 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.42 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.12 | 0.956 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 19:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-05 **York Sample ID:** 25C1573-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

## Sample Information

**Client Sample ID:** IA-05 **York Sample ID:** 25C1573-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

Sample Prepared 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 | 0.50 | 0.733 | EPA TO-15 Certifications: | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.40 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.50 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.56** | | ug/m³ | 0.56 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.40 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.30 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.073 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.54 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.65** | | ug/m³ | 0.36 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.56 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.44 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.30 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.34 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.51 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.36 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.49 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.44 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.34 | 0.733 | EPA TO-15 Certifications: | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 106-46-7 | **1,4-Dichlorobenzene** | **0.53** | | ug/m³ | 0.44 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.53 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **0.99** | | ug/m³ | 0.17 | 0.733 | EPA TO-15 Certifications: | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 78-93-3 | **2-Butanone** | **1.2** | | ug/m³ | 0.22 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.60 | 0.733 | EPA TO-15 Certifications: | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.1 | 0.733 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |

## Sample Information

**Client Sample ID:** IA-05 **York Sample ID:** 25C1573-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

**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 | 0.30 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **34** | | ug/m³ | 1.4 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.1 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.5** | | ug/m³ | 0.23 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.38 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.49 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.76 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.28 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.23 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.42** | | ug/m³ | 0.12 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.34 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.19 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **6.6** | | ug/m³ | 0.36 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.5** | | ug/m³ | 0.15 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.073 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.33 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **0.35** | | ug/m³ | 0.25 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.62 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.5** | | ug/m³ | 0.36 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **4.9** | | ug/m³ | 0.53 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.48** | | ug/m³ | 0.32 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.78 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **7.2** | | ug/m³ | 1.1 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** IA-05 **York Sample ID:** 25C1573-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

**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** | **0.57** | | ug/m³ | 0.30 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.26 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.5 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 0.77 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.60** | | ug/m³ | 0.30 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.0** | | ug/m³ | 0.26 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.67** | | ug/m³ | 0.32 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.7** | | ug/m³ | 0.64 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.54** | | ug/m³ | 0.36 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **3.9** | | ug/m³ | 0.13 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.31 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **0.89** | | ug/m³ | 0.50 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | *** Tetrahydrofuran** | **0.52** | | ug/m³ | 0.43 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **3.2** | | ug/m³ | 0.28 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.29 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.33 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.28** | | ug/m³ | 0.098 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.41 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.26 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.32 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.094 | 0.733 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 20:23 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **IA-05- Duplicate** **York Sample ID:** **25C1573-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

**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 | 0.51 | 0.744 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.41 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.51 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.68** | | ug/m³ | 0.57 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.41 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.30 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.074 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.55 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.88** | | ug/m³ | 0.37 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.57 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.45 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.30 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.34 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.52 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.37 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.49 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.45 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.34 | 0.744 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.45 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.54 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 540-84-1 | * 2,2,4-Trimethylpentane | ND | | ug/m³ | 0.17 | 0.744 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 78-93-3 | **2-Butanone** | **3.5** | | ug/m³ | 0.22 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.61 | 0.744 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |

## Sample Information

**Client Sample ID:** **IA-05- Duplicate** **York Sample ID:** **25C1573-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

**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 | 1.2 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.30 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 67-64-1 | **Acetone** | **17** | | ug/m³ | 1.4 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.1 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 71-43-2 | **Benzene** | **0.97** | | ug/m³ | 0.24 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.39 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.50 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.77 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.29 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.23 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.51** | | ug/m³ | 0.12 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.34 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.20 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 67-66-3 | **Chloroform** | **1.2** | | ug/m³ | 0.36 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 74-87-3 | **Chloromethane** | **1.6** | | ug/m³ | 0.15 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.074 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.34 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 110-82-7 | **Cyclohexane** | **0.36** | | ug/m³ | 0.26 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.63 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 75-71-8 | **Dichlorodifluoromethane** | **3.0** | | ug/m³ | 0.37 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 141-78-6 | *** Ethyl acetate** | **4.2** | | ug/m³ | 0.54 | 0.744 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 100-41-4 | **Ethyl Benzene** | **2.8** | | ug/m³ | 0.32 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.79 | 0.744 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |

## Sample Information

**Client Sample ID:** **IA-05- Duplicate** **York Sample ID:** **25C1573-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:55 am | 03/25/2025 |

**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** | **26** | | ug/m³ | 1.1 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.30 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.27 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.6 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 0.78 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | **n-Heptane** | **0.46** | | ug/m³ | 0.30 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **0.79** | | ug/m³ | 0.26 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **2.7** | | ug/m³ | 0.32 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **12** | | ug/m³ | 0.65 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.66** | | ug/m³ | 0.37 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.13 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.32 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **2.9** | | ug/m³ | 0.50 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | *** Tetrahydrofuran** | **2.4** | | ug/m³ | 0.44 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **3.4** | | ug/m³ | 0.28 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.29 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.34 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | **Trichloroethylene** | **0.12** | | ug/m³ | 0.10 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.6** | | ug/m³ | 0.42 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.26 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.33 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.095 | 0.744 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 21:28 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-07 **York Sample ID:** 25C1573-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:00 am | 03/25/2025 |

**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 | 0.71 | 1.033 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.56 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.71 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.79 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.56 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.42 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.10 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.77 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.66** | | ug/m³ | 0.51 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.79 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.62 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.42 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.48 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.72 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.51 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.69 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.62 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.48 | 1.033 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.62 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.74 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **1.1** | | ug/m³ | 0.24 | 1.033 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 78-93-3 | **2-Butanone** | **1.8** | | ug/m³ | 0.30 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.85 | 1.033 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |

## Sample Information

**Client Sample ID:** IA-07 **York Sample ID:** 25C1573-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:00 am | 03/25/2025 |

### 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 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.42 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 67-64-1 | **Acetone** | **33** | | ug/m³ | 2.0 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 107-13-1 | **Acrylonitrile** | **5.8** | | ug/m³ | 2.9 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 71-43-2 | **Benzene** | **2.6** | | ug/m³ | 0.33 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.53 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.69 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.1 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.40 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.32 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.16 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.48 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.27 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 67-66-3 | **Chloroform** | **1.8** | | ug/m³ | 0.50 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 74-87-3 | **Chloromethane** | **2.7** | | ug/m³ | 0.21 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.10 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.47 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.36 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.88 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 75-71-8 | **Dichlorodifluoromethane** | **2.6** | | ug/m³ | 0.51 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 141-78-6 | *** Ethyl acetate** | **3.3** | | ug/m³ | 0.74 | 1.033 | EPA TO-15<br>Certifications: | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 100-41-4 | **Ethyl Benzene** | **0.45** | | ug/m³ | 0.45 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.1 | 1.033 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |

## Sample Information

**Client Sample ID:** IA-07 **York Sample ID:** 25C1573-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 10:00 am | 03/25/2025 |

**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** | **38** | | ug/m³ | 1.5 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.42 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.37 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 2.2 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.1 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | **n-Heptane** | **0.80** | | ug/m³ | 0.42 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.1** | | ug/m³ | 0.36 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **0.72** | | ug/m³ | 0.45 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.9** | | ug/m³ | 0.90 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.51 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **3.2** | | ug/m³ | 0.18 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.44 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **1.7** | | ug/m³ | 0.70 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.61 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **3.0** | | ug/m³ | 0.39 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.41 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.47 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.14 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.58 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.36 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.45 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.13 | 1.033 | EPA TO-15 | 04/16/2025 08:00 | 04/16/2025 22:32 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-08 **York Sample ID:** 25C1573-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:50 am | 03/25/2025 |

### 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 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.54 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.68 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.76 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.54 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.40 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.098 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | **1,2,4-Trichlorobenzene** | **1.3** | | ug/m³ | 0.74 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.73** | | ug/m³ | 0.49 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.76 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.60 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.40 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.46 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.69 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.49 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.66 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.60 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.46 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | **1,4-Dichlorobenzene** | **0.72** | | ug/m³ | 0.60 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.71 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 540-84-1 | * **2,2,4-Trimethylpentane** | **1.0** | | ug/m³ | 0.23 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |
| 78-93-3 | **2-Butanone** | **2.7** | | ug/m³ | 0.29 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.81 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** IA-08 **York Sample ID:** 25C1573-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:50 am | 03/25/2025 |

**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 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.41 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 67-64-1 | **Acetone** | **96** | | ug/m³ | 1.9 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.8 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 71-43-2 | **Benzene** | **1.2** | | ug/m³ | 0.32 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.51 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.66 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.0 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.39 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.31 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.37** | | ug/m³ | 0.16 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.46 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.26 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 67-66-3 | **Chloroform** | **1.7** | | ug/m³ | 0.48 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 74-87-3 | **Chloromethane** | **1.4** | | ug/m³ | 0.20 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.098 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.45 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 110-82-7 | **Cyclohexane** | **0.34** | | ug/m³ | 0.34 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.85 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 75-71-8 | **Dichlorodifluoromethane** | **2.6** | | ug/m³ | 0.49 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 141-78-6 | *** Ethyl acetate** | **6.8** | | ug/m³ | 0.71 | 0.992 | EPA TO-15<br>Certifications: | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 100-41-4 | **Ethyl Benzene** | **0.60** | | ug/m³ | 0.43 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.1 | 0.992 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |

## Sample Information

**Client Sample ID:** IA-08 **York Sample ID:** 25C1573-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:50 am | 03/25/2025 |

**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** | **37** | | ug/m³ | 1.5 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.41 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.36 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 2.1 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | *** Naphthalene** | **1.8** | | ug/m³ | 1.0 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | **n-Heptane** | **0.77** | | ug/m³ | 0.41 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.0** | | ug/m³ | 0.35 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **0.90** | | ug/m³ | 0.43 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **2.3** | | ug/m³ | 0.86 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.54** | | ug/m³ | 0.49 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **3.0** | | ug/m³ | 0.17 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.42 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **1.5** | | ug/m³ | 0.67 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.59 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **3.6** | | ug/m³ | 0.37 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.39 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.45 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.13 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.4** | | ug/m³ | 0.56 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.35 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.43 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.13 | 0.992 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 12:25 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** IA-08 **York Sample ID:** 25C1573-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Indoor Ambient Air | March 25, 2025 9:50 am | 03/25/2025 |

## Sample Information

**Client Sample ID:** OA-01 **York Sample ID:** 25C1573-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Outdoor Ambient Air | March 25, 2025 10:25 am | 03/25/2025 |

**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 | 0.57 | 0.837 | EPA TO-15<br>Certifications: | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.46 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.57 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.64 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.46 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.34 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.083 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.62 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.70** | | ug/m³ | 0.41 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.64 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.50 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.34 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.39 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.59 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.41 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.56 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.50 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.39 | 0.837 | EPA TO-15<br>Certifications: | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.50 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |

## Sample Information

**Client Sample ID:** OA-01 **York Sample ID:** 25C1573-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Outdoor Ambient Air | March 25, 2025 10:25 am | 03/25/2025 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.60 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 540-84-1 | *** 2,2,4-Trimethylpentane** | **1.7** | | ug/m³ | 0.20 | 0.837 | EPA TO-15<br>Certifications: | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 78-93-3 | **2-Butanone** | **1.7** | | ug/m³ | 0.25 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.69 | 0.837 | EPA TO-15<br>Certifications: | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.3 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.34 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 67-64-1 | **Acetone** | **16** | | ug/m³ | 1.6 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 2.4 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 71-43-2 | **Benzene** | **1.6** | | ug/m³ | 0.27 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.43 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.56 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.87 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.33 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.26 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 56-23-5 | **Carbon tetrachloride** | **0.37** | | ug/m³ | 0.13 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.39 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.22 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 67-66-3 | **Chloroform** | **0.49** | | ug/m³ | 0.41 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 74-87-3 | **Chloromethane** | **1.4** | | ug/m³ | 0.17 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.083 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.38 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 110-82-7 | **Cyclohexane** | **0.58** | | ug/m³ | 0.29 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.71 | 0.837 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |

## Sample Information

**Client Sample ID:** **OA-01** **York Sample ID:** **25C1573-10**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Outdoor Ambient Air | March 25, 2025 10:25 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **2.6** | | ug/m³ | 0.41 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | *** Ethyl acetate** | **2.5** | | ug/m³ | 0.60 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.73** | | ug/m³ | 0.36 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.89 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | **Isopropanol** | **6.1** | | ug/m³ | 1.2 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.34 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.30 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.7 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 0.88 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | **n-Heptane** | **0.96** | | ug/m³ | 0.34 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.9** | | ug/m³ | 0.30 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **0.91** | | ug/m³ | 0.36 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **2.5** | | ug/m³ | 0.73 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.62** | | ug/m³ | 0.41 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.14 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.36 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **3.1** | | ug/m³ | 0.57 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.49 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **4.7** | | ug/m³ | 0.32 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.33 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.38 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | **Trichloroethylene** | **0.58** | | ug/m³ | 0.11 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** OA-01 **York Sample ID:** 25C1573-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25C1573 | 41.0163281.10 1107 Dekalb Ave | Outdoor Ambient Air | March 25, 2025 10:25 am | 03/25/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.3** | | ug/m³ | 0.47 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.29 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.37 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.11 | 0.837 | EPA TO-15 | 04/17/2025 07:45 | 04/17/2025 13:30 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

# Analytical Batch Summary

**Batch ID:** BD51207 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25C1573-01 | IA-01 | 04/16/25 |
| 25C1573-02 | IA-02 | 04/16/25 |
| 25C1573-03 | IA-03 | 04/16/25 |
| 25C1573-04 | IA-04 | 04/16/25 |
| 25C1573-05 | IA-05 | 04/16/25 |
| 25C1573-06 | IA-05- Duplicate | 04/16/25 |
| 25C1573-08 | IA-07 | 04/16/25 |
| BD51207-BLK1 | Blank | 04/16/25 |
| BD51207-BS1 | LCS | 04/16/25 |

**Batch ID:** BD51311 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25C1573-09 | IA-08 | 04/17/25 |
| 25C1573-10 | OA-01 | 04/17/25 |
| BD51311-BLK1 | Blank | 04/17/25 |
| BD51311-BS1 | LCS | 04/17/25 |

## 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 BD51207 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BD51207-BLK1)** | | | | | | | | | | | Prepared & Analyzed: 04/16/2025 |
| 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 | " | | | | | | | | |

## 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 BD51207 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BD51207-BLK1)** | | | | | | | | | | | Prepared & Analyzed: 04/16/2025 |
| 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 (BD51207-BS1)** | | | | | | | | | | | Prepared & Analyzed: 04/16/2025 |
| 1,1,1,2-Tetrachloroethane | 10.0 | | ppbv | 10.0 | | 100 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| 1,1-Dichloroethylene | 9.93 | | " | 10.0 | | 99.3 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 9.96 | | " | 10.0 | | 99.6 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,2-Dichloroethane | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,3-Butadiene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.40 | | " | 10.0 | | 94.0 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 1,4-Dioxane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 2,2,4-Trimethylpentane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 2-Butanone | 9.76 | | " | 10.0 | | 97.6 | 70-130 | | | | |
| 2-Hexanone | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 3-Chloropropene | 9.16 | | " | 10.0 | | 91.6 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Acetone | 9.15 | | " | 10.0 | | 91.5 | 70-130 | | | | |
| Acrylonitrile | 9.75 | | " | 10.0 | | 97.5 | 70-130 | | | | |
| Benzene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Benzyl chloride | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Bromodichloromethane | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |

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

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BD51207 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BD51207-BS1)** | | | | | | | | Prepared & Analyzed: 04/16/2025 | | | |
| Bromoform | 11.2 | | ppbv | 10.0 | | 112 | 70-130 | | | | |
| Bromomethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Carbon disulfide | 9.75 | | " | 10.0 | | 97.5 | 70-130 | | | | |
| Carbon tetrachloride | 8.95 | | " | 10.0 | | 89.5 | 70-130 | | | | |
| Chlorobenzene | 9.99 | | " | 10.0 | | 99.9 | 70-130 | | | | |
| Chloroethane | 9.72 | | " | 10.0 | | 97.2 | 70-130 | | | | |
| Chloroform | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Chloromethane | 9.66 | | " | 10.0 | | 96.6 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.24 | | " | 10.0 | | 92.4 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Cyclohexane | 9.78 | | " | 10.0 | | 97.8 | 70-130 | | | | |
| Dibromochloromethane | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Ethyl acetate | 9.12 | | " | 10.0 | | 91.2 | 70-130 | | | | |
| Ethyl Benzene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Hexachlorobutadiene | 8.18 | | " | 10.0 | | 81.8 | 70-130 | | | | |
| Isopropanol | 9.04 | | " | 10.0 | | 90.4 | 70-130 | | | | |
| Methyl Methacrylate | 9.78 | | " | 10.0 | | 97.8 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 9.65 | | " | 10.0 | | 96.5 | 70-130 | | | | |
| Methylene chloride | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Naphthalene | 8.64 | | " | 10.0 | | 86.4 | 70-130 | | | | |
| n-Heptane | 9.57 | | " | 10.0 | | 95.7 | 70-130 | | | | |
| n-Hexane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| o-Xylene | 9.86 | | " | 10.0 | | 98.6 | 70-130 | | | | |
| p- & m- Xylenes | 20.0 | | " | 20.0 | | 99.9 | 70-130 | | | | |
| p-Ethyltoluene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Propylene | 9.23 | | " | 10.0 | | 92.3 | 70-130 | | | | |
| Styrene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Tetrachloroethylene | 9.92 | | " | 10.0 | | 99.2 | 70-130 | | | | |
| Tetrahydrofuran | 9.73 | | " | 10.0 | | 97.3 | 70-130 | | | | |
| Toluene | 9.82 | | " | 10.0 | | 98.2 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 9.79 | | " | 10.0 | | 97.9 | 70-130 | | | | |
| Trichloroethylene | 9.79 | | " | 10.0 | | 97.9 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Vinyl acetate | 7.63 | | " | 10.0 | | 76.3 | 70-130 | | | | |
| Vinyl bromide | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Vinyl Chloride | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BD51311 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BD51311-BLK1)** | | | | | | | | | | | |
| 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 | " | | | | | | | | |

Prepared & Analyzed: 04/17/2025

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

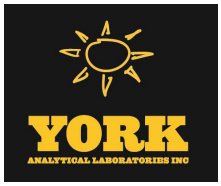
## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BD51311 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BD51311-BLK1)** | | | | | | | | | | | Prepared & Analyzed: 04/17/2025 |
| 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 (BD51311-BS1)** | | | | | | | | | | | Prepared & Analyzed: 04/17/2025 |
| 1,1,1,2-Tetrachloroethane | 9.46 | | ppbv | 10.0 | | 94.6 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 9.72 | | " | 10.0 | | 97.2 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1-Dichloroethane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 9.88 | | " | 10.0 | | 98.8 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 9.54 | | " | 10.0 | | 95.4 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichloropropane | 9.61 | | " | 10.0 | | 96.1 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,3-Butadiene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.54 | | " | 10.0 | | 95.4 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,4-Dioxane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 2,2,4-Trimethylpentane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 2-Butanone | 9.31 | | " | 10.0 | | 93.1 | 70-130 | | | | |
| 2-Hexanone | 9.73 | | " | 10.0 | | 97.3 | 70-130 | | | | |
| 3-Chloropropene | 8.62 | | " | 10.0 | | 86.2 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.43 | | " | 10.0 | | 94.3 | 70-130 | | | | |
| Acetone | 8.85 | | " | 10.0 | | 88.5 | 70-130 | | | | |
| Acrylonitrile | 9.50 | | " | 10.0 | | 95.0 | 70-130 | | | | |
| Benzene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Benzyl chloride | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Bromodichloromethane | 9.70 | | " | 10.0 | | 97.0 | 70-130 | | | | |
| Bromoform | 10.6 | | " | 10.0 | | 106 | 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 BD51311 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BD51311-BS1)** | | | | | | | | Prepared & Analyzed: 04/17/2025 | | | |
| Bromomethane | 10.0 | | ppbv | 10.0 | | 100 | 70-130 | | | | |
| Carbon disulfide | 9.57 | | " | 10.0 | | 95.7 | 70-130 | | | | |
| Carbon tetrachloride | 8.29 | | " | 10.0 | | 82.9 | 70-130 | | | | |
| Chlorobenzene | 9.99 | | " | 10.0 | | 99.9 | 70-130 | | | | |
| Chloroethane | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| Chloroform | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Chloromethane | 9.90 | | " | 10.0 | | 99.0 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 9.19 | | " | 10.0 | | 91.9 | 70-130 | | | | |
| Cyclohexane | 9.58 | | " | 10.0 | | 95.8 | 70-130 | | | | |
| Dibromochloromethane | 9.81 | | " | 10.0 | | 98.1 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Ethyl acetate | 9.46 | | " | 10.0 | | 94.6 | 70-130 | | | | |
| Ethyl Benzene | 9.68 | | " | 10.0 | | 96.8 | 70-130 | | | | |
| Hexachlorobutadiene | 8.01 | | " | 10.0 | | 80.1 | 70-130 | | | | |
| Isopropanol | 8.97 | | " | 10.0 | | 89.7 | 70-130 | | | | |
| Methyl Methacrylate | 9.35 | | " | 10.0 | | 93.5 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Methylene chloride | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Naphthalene | 8.54 | | " | 10.0 | | 85.4 | 70-130 | | | | |
| n-Heptane | 9.63 | | " | 10.0 | | 96.3 | 70-130 | | | | |
| n-Hexane | 9.66 | | " | 10.0 | | 96.6 | 70-130 | | | | |
| o-Xylene | 9.72 | | " | 10.0 | | 97.2 | 70-130 | | | | |
| p- & m- Xylenes | 20.2 | | " | 20.0 | | 101 | 70-130 | | | | |
| p-Ethyltoluene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Propylene | 9.63 | | " | 10.0 | | 96.3 | 70-130 | | | | |
| Styrene | 9.82 | | " | 10.0 | | 98.2 | 70-130 | | | | |
| Tetrachloroethylene | 9.74 | | " | 10.0 | | 97.4 | 70-130 | | | | |
| Tetrahydrofuran | 9.81 | | " | 10.0 | | 98.1 | 70-130 | | | | |
| Toluene | 9.10 | | " | 10.0 | | 91.0 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 9.49 | | " | 10.0 | | 94.9 | 70-130 | | | | |
| Trichloroethylene | 9.38 | | " | 10.0 | | 93.8 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Vinyl acetate | 6.90 | | " | 10.0 | | 69.0 | 70-130 | Low Bias | | | |
| Vinyl bromide | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Vinyl Chloride | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |


YORK
ANALYTICAL LABORATORIES INC

## 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).

## 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.
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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. 25C15-73



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: G2A Geoenvironmental of NY | Company: G2A Geoenvironmental of NY | Company: G2A Geoenvironmental of NY |
| Address: 104 W 29th St Fl 10, NY 10001 | Address: 104 W 29th St Fl 10, NY 10001 | Address: 104 W 29th St, Fl 10, NY 10001 |
| Phone.: 212-594-8140 | Phone.: 212-594-8140 | Phone.: 212-594-8140 |
| Contact: Mark Hutson | Contact: Mark Hutson | Contact: Mark Hutson |
| E-mail: Mark.Hutson@g2a.com | E-mail: Mark.Hutson@g2a.com | E-mail: Mark.Hutson@g2a.com |

**YOUR Project Number:** 41.0163281.10

**YOUR Project Name:** 1107 DeKalb Ave

**YOUR PO#:** 41.0163281.10

**Turn-Around Time**

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

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

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

Yunmee Han

**Air Matrix Codes**

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

**Samples From**

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other

**Report / EDD Type** (circle selections)

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

**YORK Reg. Comp.**

Compared to the following Regulation(s): (please fill in)

EPA TO-15
DOH Low limit

**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-01 | 3/25/25 1005 | AI | -30 | -9 | 16156 | 21610 | TO-15 |
| IA-02 | 3/25/25 1010 | AI | -30 | -8 | 24116 | 20949 | |
| IA-03 | 3/25/25 1020 | AI | -29 | -9 | 31012 | 20454 | |
| IA-04 | 3/25/25 0953 | AI | -30 | -7 | 28304 | 20924 | |
| IA-05 | 3/25/25 0955 | AI | -30 | 0 | 50241 | 20929 | |
| IA-05-Duplicate | 3/25/25 [illegible] | AI | -30 | 0 | 51434 | 20929 | |
| IA-06 | 3/25/25 1015 ~~1003~~ | AI | -29 | -8 | 17347 | 21046 | |
| IA-07 | 3/25/25 ~~1000~~ 0950 | AI | -30 | -8 | 49149 | 20945 | |
| IA-08 | 3/25/25 0950 | AI | -27 | -6 | 24113 | 20923 | |
| OA-01 | 3/25/25 1025 | AO | -28 | -2 | 10727 | 20432 | |

**Comments:** DOH Low limit

**Detection Limits Required**

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

**Sampling Media**

- 6 Liter Canister ✓
- Tedlar Bag

| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time |
|---|---|---|---|---|---|
| Yunmee Han / G2A | 3/25/25 1555 | A. Husain 3/25/25 | 15:52 | A. Husain 3/25/25 | 1740 |
| 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 |
| | | | | Lyfi 3/25/25 | 1740 |