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INDOOR AIR MONITORING REPORT – JULY 2025

340 MYRTLE AVENUE REDEVELOPMENT
340 MYRTLE AVENUE
BROOKLYN, NEW YORK
NYSDEC BCP SITE NO. C224340

by
H & A of New York Engineering and Geology, LLP
New York City, New York

for
New York State Department of Environmental Conservation
Albany, New York

File No. 0210873
December 2025

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December 10, 2025
File No. 0210873

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

Attention: Mr. Christopher Allan

Subject: Indoor Air Monitoring Evaluation
340 Myrtle Avenue
Brooklyn, New York
NYSDEC BCP Site No. C224340

Dear Mr. Allan,

On behalf of 340 Myrtle Development LLC, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this letter detailing the July 2025 Indoor Air Monitoring activities at the above-referenced subject site ("Site"). A project locus is provided as Figure 1.

Indoor Air Monitoring Evaluation

In accordance with the Site Management Plan (SMP) dated February 25, 2025, and as documented in the approved Remedial Action Work Plan dated April 30, 2024, and Decision Document dated May 7, 2024, the Track 2 remedy requires post-remedial indoor air sampling in accordance with New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation (DER)-10 ("Technical Guidance for Site Investigation and Remediation") and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006; last updated February 2024). In accordance with the February 2025 SMP, indoor air sampling is required following remedial excavation activities prior to activation of the sub-slab depressurization system (SSDS), three months after SSDS startup and before occupancy, and then annually during heating season thereafter to measure the effectiveness of the SSDS and to determine if the system needs to remain active or can be made passive. Additionally, pressure field extension testing is required to be conducted during each indoor air sampling event.

In July 2025, Haley & Aldrich of New York completed an indoor air sampling event. Samples were collected three months after SSDS start-up. A sample location map is provided as Figure 2. Analytical results are provided in Attachment 1 and are summarized in Tables I and II.

Building Survey and Chemical Inventory

Prior to collecting the indoor air samples, Haley & Aldrich of New York conducted a building survey to identify materials present in the building that may contain volatile organic compounds (VOCs) and potentially influence indoor air quality. Materials observed during the survey included one 24-fluid-ounce bottle of Goo Gone® Brand Goo & Adhesive Remove, one 1-gallon container of Recochem Brand Paint Thinner, one 24-ounce bottle of Soft Scrub® Cleanser, one 32-ounce bottle of Murphy® Concentrated Wood Cleaner, and one 11-ounce cartridge of Hercules® Plumbers Caulk. These materials were documented to contain between 2.8 to 3 percent, or up to 36 grams per liter (g/L), of VOCs per product labeling and publicly available safety data. These materials are common construction-related sources of VOCs and are known to off-gas under indoor conditions, particularly when stored in enclosed areas.

Although the building's heating, ventilation, and air conditioning (HVAC) system was operating during the sampling event, localized storage of these materials may still have influenced indoor air concentrations. The presence and ongoing use of these materials at the Site during interior construction provides a reasonable explanation for the detection of VOCs in indoor air (particularly compounds such as isopropyl alcohol, toluene, and xylene), which are commonly found in adhesives, cleaners, and building materials.

A chemical inventory for potential VOC-containing materials observed stored at the Site during this sampling event is provided as Table III, and Safety Data Sheets (SDS) are included as Attachment 2.

Indoor Air Samples

On July 27 and 28, 2025, Haley & Aldrich of New York personnel mobilized to the Site to conduct the second indoor air sampling event, three months after SSDS activation. In accordance with the NYSDEC-approved SMP, five 24-hour duration indoor air samples were collected: three within the cellar level (IA-01 through IA-03) and two on the first level (IA-04 and IA-05). Additionally, one 24-hour duration outdoor ambient air sample (AA-01) was collected. Samples were collected into 6-liter Summa® canisters, and the flow rate for sampling did not exceed 0.2 liters per minute (L/min). Indoor air samples and the outdoor air ambient air sample were collected at breathing height, approximately 3 to 5 feet (ft) above the floor.

The SSDS sample port was installed on June 27, 2025. During this sampling event, one air sample was collected from the SSDS sample port into a 3-liter Tedlar bag.

Samples were collected in laboratory-supplied individually certified-clean 6-liter Summa® canisters with 24-hour flow controllers, or a 3-liter Tedlar bag, and transported under standard chain of custody to York Analytical Laboratories, Inc. (York) of Richmond Hill, New York, an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP No. 12058). Samples were analyzed for VOCs via United States Environmental Protection Agency Method TO-15.

Pressure Field Extension Testing

Pressure field extension testing was conducted during the indoor air sampling event by collecting negative pressure (vacuum) readings via a digital manometer from the SSDS sub-slab monitoring points and sample port. Vacuum readings ranged from 0.004 to 0.0345 inches of water column (wc) and are presented in Table IV.

Analytical Results

INDOOR AND AMBIENT AIR SAMPLES

Indoor air analytical results were compared to the NYSDOH Indoor Air Standards (Matrices A-F). Indoor air concentrations are categorized into three ranges: Range 1 (below levels of concern), Range 2 (moderate levels), and Range 3 (elevated levels requiring attention). Indoor air analytical results were compared to the NYSDOH air matrices using the lowest sub-slab values for comparison due to the presence of the SSDS. Analytical results are provided in Table I.

A summary of the analytical results is presented below:

- Carbon tetrachloride was detected in each of the five indoor air samples at concentrations ranging from 0.54 micrograms per cubic meter (µg/m³) in IA-01_20250728 to 0.61 µg/m^3 in IA-05_20250728. This compound was detected in the ambient air sample, AA-01_20250728, at a concentration of 0.49 µg/m^3.
- Tetrachloroethene was detected in each of the five indoor air samples at concentrations ranging from 1.5 µg/m^3 in IA-05_20250728 to 2.2 µg/m^3 in IA-01_20250728 and IA-03_20250728. This compound was not detected in the ambient air sample.
- Methylene chloride (dichloromethane) was detected in each of the five indoor air samples at concentrations ranging from 0.94 µg/m^3 in IA-05_20250728 to 1.3 µg/m^3 in IA-02_20250728. This compound was not detected in the ambient air sample.
- Benzene was detected in each of the five indoor air samples at concentrations ranging from 3.5 µg/m^3 in IA-01_20250728 to 4.9 µg/m^3 in IA-04_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.5 µg/m^3.
- Ethylbenzene was detected in each of the five indoor air samples at concentrations ranging from 5.5 µg/m^3 in IA-03_20250728 to 14 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.5 µg/m^3.
  - Ethylbenzene was detected in the indoor air sample IA-02_20250728 at a concentration of 14 µg/m^3, which exceeds the highest threshold noted in the NYSDOH Matrix D of 10 µg/m^3, to which NYSDOH recommends “identify source(s) or resample or mitigate” when using the lowest sub-slab value for comparison.
- Naphthalene was detected in each of the five indoor air samples at concentrations ranging from 1.7 µg/m^3 in IA-01_20250728 to 2.7 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.3 µg/m^3.

- Cyclohexane was detected in each of the five indoor air samples at concentrations ranging from 2.7 µg/m^3 in IA-04_20250728 and IA-05_20250728 to 6.8 µg/m^3 in IA-02_20250728. This compound was not detected in the ambient air sample.
- 2,2,4-trimethylpentane was detected in three of the five indoor air samples at concentrations ranging from 2.1 µg/m^3 in IA-03_20250728 to 3.2 µg/m^3 in IA-04_20250728 and IA-05_20250728. This compound was detected in the ambient air sample, AA-01_20250728, at a concentration of 1.7 µg/m^3.
- 1,2,4-trimethylbenzene was detected in each of the five indoor air samples at concentrations ranging from 3.5 µg/m^3 in IA-04_20250728 to 5.3 µg/m^3 in IA-01_20250728. This compound was detected in the ambient air sample, AA-01_20250728, at a concentration of 1 µg/m^3.
- 1,3,5-trimethylbenzene was detected in each of the five indoor air samples at concentrations ranging from 0.99 µg/m^3 in IA-04_20250728 to 1.5 µg/m^3 in IA-01_20250728. This compound was not detected in the ambient air sample.
- O-xylene was detected in each of the five indoor air samples at concentrations ranging from 7.1 µg/m^3 in IA-05_20250728 to 28 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 1.7 µg/m^3.
  - O-xylene was detected in the indoor air sample IA-02_20250728 at a concentration of 28 µg/m^3, which exceeds the highest threshold noted in the NYSDOH Matrix D of 10 µg/m^3, to which the NYSDOH recommends "identify source(s) or resample or mitigate" when using the lowest sub-slab value for comparison.
- M,p-xylenes were detected in each of the five indoor air samples at concentrations ranging from 20 µg/m^3 in IA-05_20250728 to 64 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 5.8 µg/m^3.
  - M,p-xylenes were detected in indoor air samples IA-01_20250728, IA-02_20250728, IA-03_20250728, and IA-04_20250728 at concentrations of 33 µg/m^3, 64 µg/m^3, 23 µg/m^3, and 21 µg/m^3, respectively, which exceed the highest threshold noted in the NYSDOH Matric E of 20 µg/m^3, to which the NYSDOH recommends "identify source(s) or resample or mitigate" when using the lowest sub-slab value for comparison.
- N-heptane was detected in each of the five indoor air samples at concentrations ranging from 3.7 µg/m^3 in IA-05_20250728 to 7.9 µg/m^3 in IA-02_20250728. This compound was detected in the ambient air sample, AA-01_20250728, at a concentration of 0.86 µg/m^3.
- Hexane was detected in each of the five indoor air samples collected at concentrations ranging from 2.7 µg/m^3 in IA-03_20250728 and IA-05-20250728 to 4.9 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.3 µg/m^3.
- Toluene was detected in each of the five indoor air samples at concentrations ranging from 32 µg/m^3 in IA-05_20250728 to 83 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250314, at a concentration of 5.9 µg/m^3.
  - Toluene was detected in the indoor air sample IA-02_20250728 at a concentration of 83 µg/m^3, which exceeds the highest threshold noted in the NYSDOH Matrix F of

50 µg/m^3, to which the NYSDOH recommends "identify source(s) or resample or mitigate" when using the lowest sub-slab value for comparison.

- 2-butanone (methyl ethyl ketone) was detected in each of the five indoor air samples at concentrations ranging from 100 µg/m^3 in IA-03_20250728 to 300 µg/m^3 in IA-01_20250728. This compound was also detected in the ambient air sample, AA-01_20250314, at a concentration of 2.24 µg/m^3.
- 2-hexanone (Methyl Butyl Ketone) was detected in each of the five indoor air samples at concentrations ranging from 1.8 µg/m^3 in IA-04_20250728 to 3.3 µg/m^3 in IA-02_20250728. This compound was not detected in the ambient air sample.
- 4-ethyltoluene (1-Ethyl-4-Methylbenzene) was detected in four of the five indoor air samples at concentrations ranging from 2.4 µg/m^3 in IA-03_20250728 to 3.1 µg/m^3 in IA-02_20250728. This compound was not detected in the ambient air sample.
- 4-methyl-2-pentanone (methyl isobutyl ketone) was detected in each of the five indoor air samples at concentrations ranging from 0.71 µg/m^3 in IA-04_20250728 and 6.3 µg/m^3 in IA-02_20250728. This compound was detected in the ambient air sample, AA-01_20250728, at a concentration of 0.59 µg/m^3.
- Acetone was detected in each of the five indoor air samples at concentrations ranging from 370 µg/m^3 in IA-05_20250728 to 590 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 73 µg/m^3.
- Acrylonitrile was detected in each of the five indoor air samples at concentrations ranging from 0.46 µg/m^3 in IA-05_20250728 to 1.5 µg/m^3 in IA-03_20250728. This compound was not detected in the ambient air sample.
- Bromodichloromethane was detected in one of the five indoor air samples collected at a concentration of 0.92 µg/m^3 in IA-03_20250728. This compound was not detected in the ambient air sample.
- Carbon disulfide was detected in each of the five indoor air samples at concentrations ranging from 3.2 µg/m^3 in IA-05_20250728 to 39 µg/m^3 in IA-02_20250728. This compound was not detected in the ambient air sample.
- Chloroform was detected in each of the five indoor air samples at concentrations ranging from 6.7 µg/m^3 in IA-04_20250728 to 12 µg/m^3 in IA-03_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 4.8 µg/m^3.
- Chloromethane (methyl chloride) was detected in each of the five indoor air samples at concentrations ranging from 3 µg/m^3 in IA-04_20250728 and IA-05_20250728 to 3.9 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.8 µg/m^3.
- Dichlorodifluoromethane (CFC-12) was detected in each of the five indoor air samples at concentrations ranging from 2.1 µg/m^3 in IA-03_20250728 and IA-05_20250728 to 2.3 µg/m^3 in IA-04_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.3 µg/m^3.

- Ethyl acetate was detected in each of the five indoor air samples at concentrations ranging from 23 µg/m^3 in IA-02_20250728 to 42 µg/m^3 in IA-03_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 84 µg/m^3.
- Isopropyl alcohol (2-Propanol) was detected in each of the five indoor air samples at concentrations ranging from 45 µg/m^3 in IA-04_20250728 to 59 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 12 µg/m^3.
- Methyl methacrylate was detected in each of the five indoor air samples at concentrations ranging from 10 µg/m^3 in IA-01_20250728 to 17 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 2.6 µg/m^3.
- Propylene (propene) was detected in each of the five indoor air samples at concentrations ranging from 4.4 µg/m^3 in IA-05_20250728 to 5.1 µg/m^3 in IA-02_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 1.4 µg/m^3.
- Styrene was detected in each of the five indoor air samples at concentrations ranging from 10 µg/m^3 in IA-04_20250728 to 16 µg/m^3 in IA-02_20250728. This compound was not detected in the ambient air sample.
- Tetrahydrofuran was detected in two of the five indoor air samples at concentrations of 1.8 µg/m^3 in IA-05_20250728 and 6.7 µg/m^3 in IA-03_20250728. This compound was not detected in the ambient air sample.
- Trans-1,2-dichloroethene was detected in each of the five indoor air samples at concentrations ranging from 0.87 µg/m^3 in IA-03_20250728 to 8.7 µg/m^3 in IA-04_20250728. This compound was not detected in the ambient air sample.
- Trichlorofluoromethane (CFC-11) was detected in each of the five indoor air samples at concentrations ranging from 1.2 µg/m^3 in IA-01_20250728, IA-02_20250728, and IA-03_20250728 to 1.3 µg/m^3 in IA-04_20250728 and IA-05_20250728. This compound was also detected in the ambient air sample, AA-01_20250728, at a concentration of 1.3 µg/m^3.
- Vinyl acetate was detected in two of the five indoor air samples at concentrations of 0.51 µg/m^3 in IA-02_20250728 and 0.61 µg/m^3 in IA-03_20250728. This compound was detected in the ambient air sample, AA-01_20250728, at a concentration of 1.1 µg/m^3.

SSDS RISER SAMPLE

The SSDS riser sample was analyzed in accordance with the NYSDEC DER and the Division of Air Resources (DAR) Guidance on Air Emissions of VOCs at DER Remediation Sites, and analytical results were compared to the Mass Emission Limits for the High Toxicity Air Contaminant (HTAC) List provided in Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 212-2.2, Table 2. SSDS riser sample analytical results are provided in Table I, and a comparison of the SSDS riser sample data to Mass Emission Limits is provided in Table II.

A summary of the analytical results for the SSDS riser sample, RISER-01_20250728, is presented below:

HTAC VOCs

- Carbon tetrachloride was detected at a concentration of 0.5 µg/m^3, with a calculated emission rate of 0.008 pounds per year (lb/year). The allowable emission rate is 100 lb/year.
- Benzene was detected at a concentration of 10 µg/m^3, with a calculated emission rate of 0.164 lb/year. The allowable emission rate is 100 lb/year.
- Vinyl chloride was not detected above the laboratory reporting limit of 0.13 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.0021 lb/year was calculated. The allowable emission rate for vinyl chloride is 100 lb/year.
- 1,1,2-trichloroethane was not detected above the laboratory reporting limit of 0.55 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.009 lb/year was calculated. The allowable emission rate for 1,1,2-trichloroethane is 100 lb/year.
- Trichloroethene was not detected above the laboratory reporting limit of 0.13 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.0021 lb/year was calculated. The allowable emission rate for trichloroethene is 500 lb/year.
- 1,1,2,2-tetrachloroethane was not detected above the laboratory reporting limit of 0.69 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.011 lb/year was calculated. The allowable emission rate for 1,1,2,2-tetrachloroethane is 1,000 lb/year.
- Benzyl chloride was not detected above the laboratory reporting limit of 5.2 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.085 lb/year was calculated. The allowable emission rate for benzyl chloride is 25 lb/year.
- 1,2-dibromoethane was not detected above the laboratory reporting limit of 0.77 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.013 lb/year was calculated. The allowable emission rate for 1,2-dibromoethane is 5 lb/year.
- 1,3-butadiene was not detected above the laboratory reporting limit of 0.66 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.11 lb/year was calculated. The allowable emission rate for 1,3-butadiene is 25 lb/year.
- 1,2-dichloroethane was not detected above the laboratory reporting limit of 0.4 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.007 lb/year was calculated. The allowable emission rate for 1,2-dichloroethane is 100 lb/year.
- Acrylonitrile was not detected above the laboratory reporting limit of 11 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.180 lb/year was calculated. The allowable emission rate for acrylonitrile is 25 lb/year.
- Tetrachloroethene was detected at a concentration of 43 µg/m^3, with a calculated emission rate of 0.705 lb/year. The allowable emission rate is 1,000 lb/year

- Vinyl bromide was not detected above the laboratory reporting limit of 0.44 µg/m^3. Using the laboratory reporting limit, an emission rate of 0.007 lb/year was calculated. The allowable emission rate for vinyl bromide is 500 lb/year.

Per the guidance document, treatment is required for any remedial system that has a potential to emit greater than 0.1 pounds per hour (lb/hr) of an HTAC, and treatment is required below this level if the annual total emissions exceed the Mass Emission Limit provided in Part 212-2.2, Table 2. Based on the emission rates discussed above, treatment is not needed for the SSDS at the Site.

Non-HTAC VOCs

- Methylene chloride (dichloromethane) was detected at a concentration of 1.2 µg/m^3.
- Ethylbenzene was detected at a concentration of 6.2 µg/m^3.
- Cyclohexane was detected at a concentration of 0.79 µg/m^3.
- 1,2,4-trimethylbenzene was detected at a concentration of 3.3 µg/m^3.
- 1,3,5-trimethylbenzene was detected at a concentration of 0.88 µg/m^3.
- O-xylene was detected at a concentration of 19 µg/m^3.
- M,p-xylenes were detected at a concentration of 27 µg/m^3.
- N-heptane was detected at a concentration of 2.5 µg/m^3.
- Hexane was detected at a concentration of 1.6 µg/m^3.
- Toluene was detected at a concentration of 11 µg/m^3.
- 2-butanone (methyl ethyl ketone) was detected at a concentration of 3.7 µg/m^3.
- 4-ethyltoluene (1-ethyl-4-methylbenzene) was detected at a concentration of 2.9 µg/m^3.
- 4-methyl-2-pentanone (methyl isobutyl ketone) was detected at a concentration of 20 µg/m^3.
- Acetone was detected at a concentration of 30 µg/m^3.
- Carbon disulfide was detected at a concentration of 12 µg/m^3.
- Chloroform was detected at a concentration of 7 µg/m^3.
- Chloromethane (methyl chloride) was detected at a concentration of 0.47 µg/m^3.
- Dichlorodifluoromethane (CFC-12) was detected at a concentration of 2.2 µg/m^3.
- Ethyl acetate was detected at a concentration of 19 µg/m^3.
- Isopropyl alcohol (2-propanol) was detected at a concentration of 11 µg/m^3.
- Methyl methacrylate was detected at a concentration of 4.1 µg/m^3.
- Propylene (propene) was detected at a concentration of 1.9 µg/m^3.
- Styrene was detected at a concentration of 6.5 µg/m^3.

- Tetrahydrofuran was detected at a concentration of 9.1 µg/m^3.
- Trans-1,2-dichloroethene was detected at a concentration of 8.4 µg/m^3.
- Trichlorofluoromethane (CFC-11) was detected at a concentration of 1.2 µg/m^3.
- Vinyl acetate was detected at a concentration of 0.53 µg/m^3.

The total concentration of non-HTAC VOCs, calculated including reporting limits for non-detect values, is 275.8 µg/m^3, with a calculated emission rate of 0.0005 lb/hour. Per the guidance document, treatment is required for non-HTAC VOCs if the system has the potential to emit total VOCs at a rate greater than 0.5 lb/hr. Treatment is not required for non-HTAC VOCs based on current non-HTAC VOC emission rates.

Conclusions

The contaminant of concern trichloroethene has also seen a reduction in concentration in IA-03, from 1.4 µg/m^3 in March 2025 to non-detect in July 2025, reinforcing that the concentrations detected during the March 2025 sampling were likely due to stored/in-use construction materials at the time of sampling and are not likely due to an on-site source of soil vapor intrusion. Trichloroethene was not detected in any samples during the July 2025 sampling event.

When compared to the NYSDOH matrices, all compounds with matrices qualify for the "No Further Action" category for all samples except for the following compounds: ethylbenzene, m,p-xylenes, o-xylene, and toluene. Ethylbenzene, m,p-xylenes, o-xylene qualified for the "No further Action" category in four of the five samples, while at location IA-02, NYSDOH recommends "identify source(s) or resample or mitigate." Toluene was detected at indoor air concentrations in four (IA-01 through IA-04) out of five samples that NYSDOH recommends "identify source(s) or resample or mitigate," while toluene concentrations in IA-05 qualified for the "No further Action" category.

Several VOCs were detected in indoor air at concentrations above laboratory detection limits, including carbon tetrachloride, tetrachloroethene, methylene chloride, benzene, ethylbenzene, toluene, o-xylene, m,p-xylenes, naphthalene, cyclohexane, 2,2,4-trimethylpentane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-heptane, hexane, 2-butanone (methyl ethyl ketone), 2-hexanone (methyl butyl ketone), 4-ethyltoluene (1-ethyl-4-methylbenzene), 4-methyl-2-pentanone (methyl isobutyl ketone), acetone, acrylonitrile, bromodichloromethane, carbon disulfide, chloroform, chloromethane (methyl chloride), dichlorodifluoromethane (CFC-12), ethyl acetate, isopropyl alcohol (2-propanol), methyl, methacrylate, propylene (propene), styrene, tetrahydrofuran, trans-1,2-dichloroethene, trichlorofluoromethane (CFC-11), and vinyl acetate. These compounds were detected at or near method detection limits, and many were also present in the ambient air sample at comparable concentrations, indicating a potential background or outdoor source. Additionally, compounds like hexane and methylene chloride are commonly associated with household products or laboratory processes, further suggesting these detections are not Site-related.

The ambient air sample contained several VOCs that support this conclusion, including carbon tetrachloride, ethylbenzene, xylenes, toluene, 1,2,4-trimethylbenzene, 2,2,4-trimethylpentane, 2-butanone (methyl ethyl ketone), 4-methyl-2-pentanone (methyl isobutyl ketone), acetone, benzene,

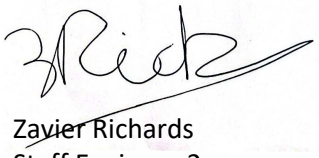
chloroform, chloromethane (methyl chloride), dichlorodifluoromethane (CFC-12), ethyl acetate, hexane, isopropyl alcohol (2-propanol), methyl methacrylate, naphthalene, n-heptane, propylene (propene), trichlorofluoromethane (CFC-11), and vinyl acetate. These compounds were not detected above Unrestricted Use Soil Cleanup Objectives (UUSCOs) in any post-remediation endpoint samples or Ambient Water Quality Standards (AWQS) in the most recent post-remediation groundwater samples, and were not contaminants of concern at the Site, with the exception of tetrachloroethene and chloroform.

Several VOCs were detected in indoor air samples at concentrations above laboratory detection limits but were not detected in the ambient air sample, including 1,3,5-trimethylbenzene, 2-hexanone (methyl butyl ketone), 4-ethyltoluene (1-ethyl-4-methylbenzene), acrylonitrile, bromodichloromethane, carbon disulfide, cyclohexane, methylene chloride (dichloromethane), styrene, tetrachloroethene, tetrahydrofuran, and trans-1,2-dichloroethene. Review of the on-site chemical inventory identified several materials stored in the cellar that could possibly explain these detections. For instance, paint thinner containing hydrated kerosene can be attributed to higher concentrations of cyclohexane and trimethylbenzene, and the adhesive remover contains petroleum distillates. Given their absence in ambient air and known sources of potential VOCs stored within the building during ongoing interior construction activities, these detections are consistent with construction materials rather than vapor intrusion and are likely the cause of elevated concentrations of ethylbenzene, m,p-xylenes, o-xylenes, and toluene.

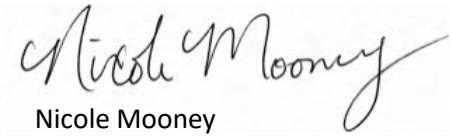
Based on the data, Site observations, and the nature and pattern of VOC detections, there is no evidence of a vapor intrusion pathway at the Site at this time. The results suggest that detected VOCs in indoor air are attributable to either ambient background or indoor sources related to stored or in-use construction materials, rather than subsurface migration. Minimal detections of chlorinated VOCs were observed in indoor air, several VOCs were present in the ambient air sample at comparable concentrations, and VOC-containing cleaning/construction materials and products stored on the Site were identified. Additionally, based on VOC concentrations in the SSDS riser sample and the emission rates shown in Table II, carbon filtration is not needed for the SSDS at the Site. The SSDS will remain active, and annual sampling will occur during the upcoming heating season. The need for the SSDS to remain active will be assessed based on the next round of indoor air sampling data, in coordination with NYSDEC.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP



Zavier Richards
Staff Engineer 2



Nicole Mooney
Assistant Project Manager

Matthew Levy
Senior Project Manager

James Bellew
Principal

Enclosures:

- Table I: Summary of Air Quality Data
- Table II: SSDS Riser VOC Emission Rates
- Table III: Chemical Inventory List with Potential for VOCs during July 2025 Indoor Air Sampling
- Table IV: Pressure Field Extension Testing Readings
- Figure 1: Project Locus
- Figure 2: Indoor Air Sample Locations
- Attachment 1: Laboratory Analytical Report
- Attachment 2: Safety Data Sheets

TABLES

TABLE I
SUMMARY OF AIR QUALITY DATA
340 MYRTLE AVENUE
BROOKLYN, NEW YORK
FILE NO. 0210873

	Action Level												
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			IA-01	IA-02	IA-03	IA-04	IA-05	AA-01	RISER-01
Sample Name							IA-01_20250728	IA-02_20250728	IA-03_20250728	IA-04_20250728	IA-05_20250728	AA-01_20250728	RISER-01_20250728
Sample Date							07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025
Lab Sample ID							25G1861-01 25G1861-01RE1	25G1861-02 25G1861-02RE1	25G1861-03 25G1861-03RE1	25G1861-04 25G1861-04RE1	25G1861-05 25G1861-05RE1	25G1861-06	25G1861-07
Sample Classification	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Ambient Air*	SSDS Riser*
Matrix A													
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**ND (0.19)**	**ND (0.2)**	**ND (0.18)**	**ND (0.19)**	**ND (0.19)**	ND (0.26)	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.54**	**0.58**	**0.58**	**0.6**	**0.61**	0.49	0.5
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**ND (0.19)**	**ND (0.2)**	**ND (0.18)**	**ND (0.19)**	**ND (0.19)**	ND (0.26)	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**ND (0.13)**	**ND (0.14)**	**ND (0.12)**	**ND (0.13)**	**ND (0.13)**	ND (0.18)	ND (0.13)
Matrix B													
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**ND (0.52)**	**ND (0.56)**	**ND (0.5)**	**ND (0.52)**	**ND (0.53)**	ND (0.71)	ND (0.55)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**2.2**	**2.1**	**2.2**	**1.6**	**1.5**	ND (0.89)	43
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**1.1 J**	**1.3 J**	**1.1 J**	**1.1 J**	**0.94 J**	ND (2.7)	1.2 J
Matrix C													
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	**ND (0.12)**	**ND (0.13)**	**ND (0.12)**	**ND (0.12)**	**ND (0.12)**	ND (0.17)	ND (0.13)
Matrix D													
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**3.5**	**4.4**	**3.6**	**4.9**	**4.5**	2.5	10
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**8.2**	**14**	**5.5**	**6**	**5.9**	1.5	6.2
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.7 J**	**2.7 J**	**2.1 J**	**2.1 J**	**2.1 J**	2.3 J	ND (5.2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**3.7**	**6.8**	**3.1**	**2.7**	**2.7**	ND (0.45)	0.79
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**ND (0.22)**	**ND (0.24)**	**2.1**	**3.2**	**3.2**	1.7	ND (0.23)
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**5.3**	**4.5**	**4.5**	**3.5**	**3.8**	1	3.3
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.5**	**1.3**	**1.3**	**0.99**	**1.1**	ND (0.64)	0.88
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**14**	**28**	**9.9**	**7.3**	**7.1**	1.7	19
Matrix E													
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**33**	**64**	**23**	**21**	**20**	5.8	27
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**5**	**7.9**	**3.8**	**3.9**	**3.7**	0.86	2.5
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**3.2**	**4.9**	**2.7**	**2.9**	**2.7**	2.3	1.6
Matrix F													
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**47 D**	**83 D**	**34 D**	**33 D**	**32 D**	5.9	11
Volatile Organic Compounds (ug/m3)													
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (0.65)	ND (0.71)	ND (0.63)	ND (0.66)	ND (0.67)	ND (0.9)	ND (0.69)
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (0.65)	ND (0.71)	ND (0.63)	ND (0.66)	ND (0.67)	ND (0.9)	ND (0.69)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (0.52)	ND (0.56)	ND (0.5)	ND (0.52)	ND (0.53)	ND (0.71)	ND (0.55)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.38)	ND (0.42)	ND (0.37)	ND (0.39)	ND (0.39)	ND (0.53)	ND (0.4)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (35)	ND (38)	ND (34)	ND (36)	ND (36)	ND (48)	ND (37)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (0.73)	ND (0.79)	ND (0.71)	ND (0.74)	ND (0.75)	ND (1)	ND (0.77)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.57)	ND (0.62)	ND (0.55)	ND (0.58)	ND (0.58)	ND (0.79)	ND (0.6)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.38)	ND (0.42)	ND (0.37)	ND (0.39)	ND (0.39)	ND (0.53)	ND (0.4)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.44)	ND (0.48)	ND (0.42)	ND (0.44)	ND (0.45)	ND (0.6)	ND (0.46)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (0.66)	ND (0.72)	ND (0.64)	ND (0.67)	ND (0.68)	ND (0.91)	ND (0.7)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.63)	ND (0.68)	ND (0.61)	ND (0.64)	ND (0.64)	ND (0.87)	ND (0.66)
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.57)	ND (0.62)	ND (0.55)	ND (0.58)	ND (0.58)	ND (0.79)	ND (0.6)
1,3-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.44)	ND (0.48)	ND (0.42)	ND (0.44)	ND (0.45)	ND (0.6)	ND (0.46)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.57)	ND (0.62)	ND (0.55)	ND (0.58)	ND (0.58)	ND (0.79)	ND (0.6)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (0.68)	ND (0.74)	ND (0.66)	ND (0.69)	ND (0.7)	ND (0.94)	ND (0.72)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	300	180	100	120	120	7 J	3.7 J

TABLE I
SUMMARY OF AIR QUALITY DATA
340 MYRTLE AVENUE
BROOKLYN, NEW YORK
FILE NO. 0210873

	Action Level												
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			IA-01	IA-02	IA-03	IA-04	IA-05	AA-01	RISER-01
Sample Name							IA-01_20250728	IA-02_20250728	IA-03_20250728	IA-04_20250728	IA-05_20250728	AA-01_20250728	RISER-01_20250728
Sample Date							07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025
Lab Sample ID							25G1861-01 25G1861-01RE1	25G1861-02 25G1861-02RE1	25G1861-03 25G1861-03RE1	25G1861-04 25G1861-04RE1	25G1861-05 25G1861-05RE1	25G1861-06	25G1861-07
Sample Classification	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Ambient Air*	SSDS Riser*
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	2.2	3.3	2.8	1.8	3.1	ND (1.1)	ND (0.82)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.47)	3.1	2.4	2.8	2.9	ND (0.64)	2.9
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	3.2	6.3	2.4	0.71	0.88	0.59	20
Acetone	NA	NA	NA	NA	NA	NA	460	590	410	410	370	73	30
Acrylonitrile	NA	NA	NA	NA	NA	NA	0.66 J	1.4 J	1.5 J	0.81 J	0.46 J	ND (14)	ND (11)
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.6)	ND (1.4)	ND (1.5)	ND (1.5)	ND (2)	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (4.9)	ND (5.3)	ND (4.8)	ND (5)	ND (5)	ND (6.8)	ND (5.2)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (0.64)	ND (0.69)	0.92	ND (0.64)	ND (0.65)	ND (0.87)	ND (0.67)
Bromoform	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (1.1)	ND (0.95)	ND (0.99)	ND (1)	ND (1.3)	ND (1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.37)	ND (0.4)	ND (0.36)	ND (0.37)	ND (0.38)	ND (0.51)	ND (0.39)
Carbon disulfide	NA	NA	NA	NA	NA	NA	15	39	12	4	3.2	ND (0.41)	12
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.44)	ND (0.48)	ND (0.42)	ND (0.44)	ND (0.45)	ND (0.6)	5
Chloroethane	NA	NA	NA	NA	NA	NA	ND (0.25)	ND (0.27)	ND (0.24)	ND (0.25)	ND (0.26)	ND (0.34)	ND (0.26)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	6.8	8.3	12	6.7	6.9	4.8	7
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	3.7 J	3.9 J	3.1 J	3 J	3 J	2.8 J	0.47 J
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.43)	ND (0.47)	ND (0.42)	ND (0.43)	ND (0.44)	ND (0.59)	ND (0.45)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.88)	ND (0.78)	ND (0.82)	ND (0.83)	ND (1.1)	ND (0.85)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.2	2.2	2.1	2.3	2.1	2.3	2.2
Ethyl acetate	NA	NA	NA	NA	NA	NA	41	23	42	36	36	84	19
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1.1)	ND (0.98)	ND (1)	ND (1)	ND (1.4)	ND (1.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	46	59	50	45	46	12	11
Methyl methacrylate	NA	NA	NA	NA	NA	NA	10	17	14	12	12	2.6	4.1
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.34)	ND (0.37)	ND (0.33)	ND (0.35)	ND (0.35)	ND (0.47)	ND (0.36)
Propylene (Propene)	NA	NA	NA	NA	NA	NA	4.8	5.1	4.9	4.9	4.4	1.4	1.9
Styrene	NA	NA	NA	NA	NA	NA	12	16	15	10	11	ND (0.56)	6.5
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (0.56)	ND (0.61)	6.7	ND (0.56)	1.8	ND (0.77)	9.1
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	1.5	2.2	0.87	8.7	7.9	ND (0.52)	8.4
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.43)	ND (0.47)	ND (0.42)	ND (0.43)	ND (0.44)	ND (0.59)	ND (0.45)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.2	1.2	1.2	1.3	1.3	1.3	1.2
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	ND (0.73)	ND (0.79)	ND (0.7)	ND (0.73)	ND (0.74)	ND (1)	ND (0.77)
Vinyl acetate	NA	NA	NA	NA	NA	NA	ND (0.33)	0.51	0.61	ND (0.34)	ND (0.34)	1.1	0.53
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.42)	ND (0.45)	ND (0.4)	ND (0.42)	ND (0.42)	ND (0.57)	ND (0.44)
Xylene (Total)	NA	NA	NA	NA	NA	NA	48	93	33	28	27	7.5	46

Notes and Abbreviations:

** The Ambient Air and SSDS Riser samples are not compared to the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion.*

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

*- **Bold Green** text indicates no further action is recommended.*

- Blue highlighted text indicates additional monitoring recommended.

- Orange highlighted text indicates actions to identify the source(s), resampling, and/or mitigation is recommended.

TABLE II
SSDS RISER VOC EMISSION RATES
340 MYRTLE AVENUE
BROOKLY, NEW YORK
FILE NO. 0210873

Sample Date	Sample Location	High Toxicity Air Contaminant (HTAC)	Concentration (ug/m^3)[1]	Lab Qualifier	Flow Rate (cfm)[2]	Emission Rate (lb/year)	*Allowable Emission Rate (lb/year)*[3]
7/28/2025	SSDS Riser	Carbon Tetrachloride	0.5		500	0.008	100
		Benzene	10			0.164	100
		Vinyl Chloride	0.13	U		0.0021	100
		1,1,2-trichloroethane	0.55	U		0.009	100
		Trichloroethene	0.13	U		0.0021	500
		1,1,2,2-tetrachloroethane	0.69	U		0.011	1,000
		Benzyl Chloride	5.2	U		0.085	*25*
		1,2-dibromoethane	0.77	U		0.013	*5*
		1,3-butadiene	0.66	U		0.011	*25*
		1,2-dichloroethane	0.4	U		0.007	*100*
		Acrylonitrile	11	U		0.180	*25*
		Tetrachloroethene	43			0.705	1,000
		Vinyl Bromide	0.44	U		0.007	*500*
		Non-HTAC	**Concentration (ug/m^3)**		**Flow Rate (cfm)**	**Emission Rate (lb/hour)**	***Allowable Emission Rate (lb/hour)***
		Total VOCs	275.8		100	0.0005	*0.5*

Notes:

Definitions
ug/m^3 - micrograms per cubic meter
cfm - cubic feet per minute
lb - pound
U - non-detect
VOC - volatile organic compound

1. The reporting limit was used as the concentration for contaminants with a "U" qualifie.
2. The maximum potential flow rate for the Obar GBR89 SSDS blower installed at the Site was used in the absence of a measured flow rate for the July 2025 sampling even
3. Allowable Emission Rates are from the New York Codes, Rules and Regulations Part 212-2.1 Table 2 dated February 15, 202.

TABLE III

CHEMICAL INVENTORY LIST WITH POTENTIAL FOR VOCS DURING JULY 2025 INDOOR AIR SAMPLING

340 MYRTLE AVENUE

BROOKLYN, NEW YORK

FILE NO. 0210873

Construction Material	Quantity	Location	Notes
Goo Gone Pro-Power Goo & Adhesive Remover	(1) 24-fluid ounce bottle	Basement	Undisclosed amount of VOCs
Recochem Paint Thinner with Mineral Spirits	(1) 1-gallon container	Basement	Up to 3% of undisclosed VOCs
Soft Scrub Cleanser - All Purpose Commercial	(1) 24-ounce bottle	Basement	Undisclosed amount of VOCs
Murphy Concentrated Wood Cleaner	(1) 32-ounce bottle	Basement	Undisclosed amount of VOCs
Hercules Plumbers Caulk	(1) 11-ounce cartridge	First Floor	Up to 36 g/L or up to 2.8% by weight of undisclosed VOCs

Notes:

g/L - grams per Liter

VOCs - volatile organic compounds

TABLE IV

PRESSURE FIELD EXTENSION TESTING READINGS

340 MYRTLE AVENUE

BROOKLYN, NEW YORK

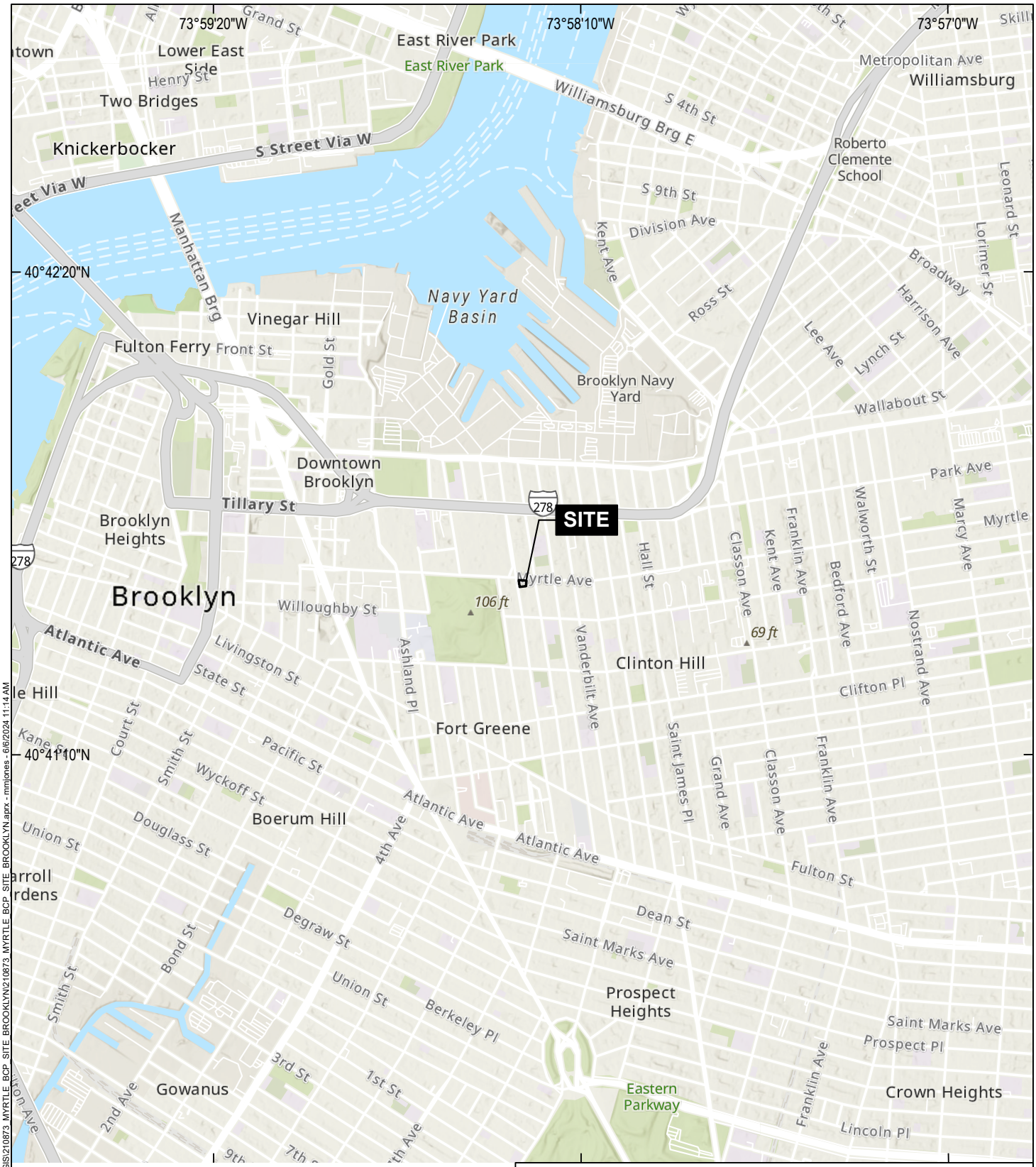
FILE NO. 0210873

Location	Expected Pressure	Vacuum Reading (wc)	Notes
Riser	+/- 0.002 wc	0.0345	
MP-01	+/- 0.002 wc	0.0038	
MP-02	+/- 0.002 wc	0.0074	
MP-03	+/- 0.002 wc	0.0101	
MP-04	+/- 0.002 wc	0.004	
Weather conditions:	Sunny, Wind: SE to NW, up to 5mph		
Air Temperature:	L: 75 H: 93		
Name of Inspector	Z. Richards		
Signature of Inspector			
Date of Inspection	7/28/2025		

Notes:

wc = inches of water column

FIGURES



MAP SOURCE: ESRI
SITE COORDINATES: 40°41'35"N, 73°58'21"W

HALEY ALDRICH

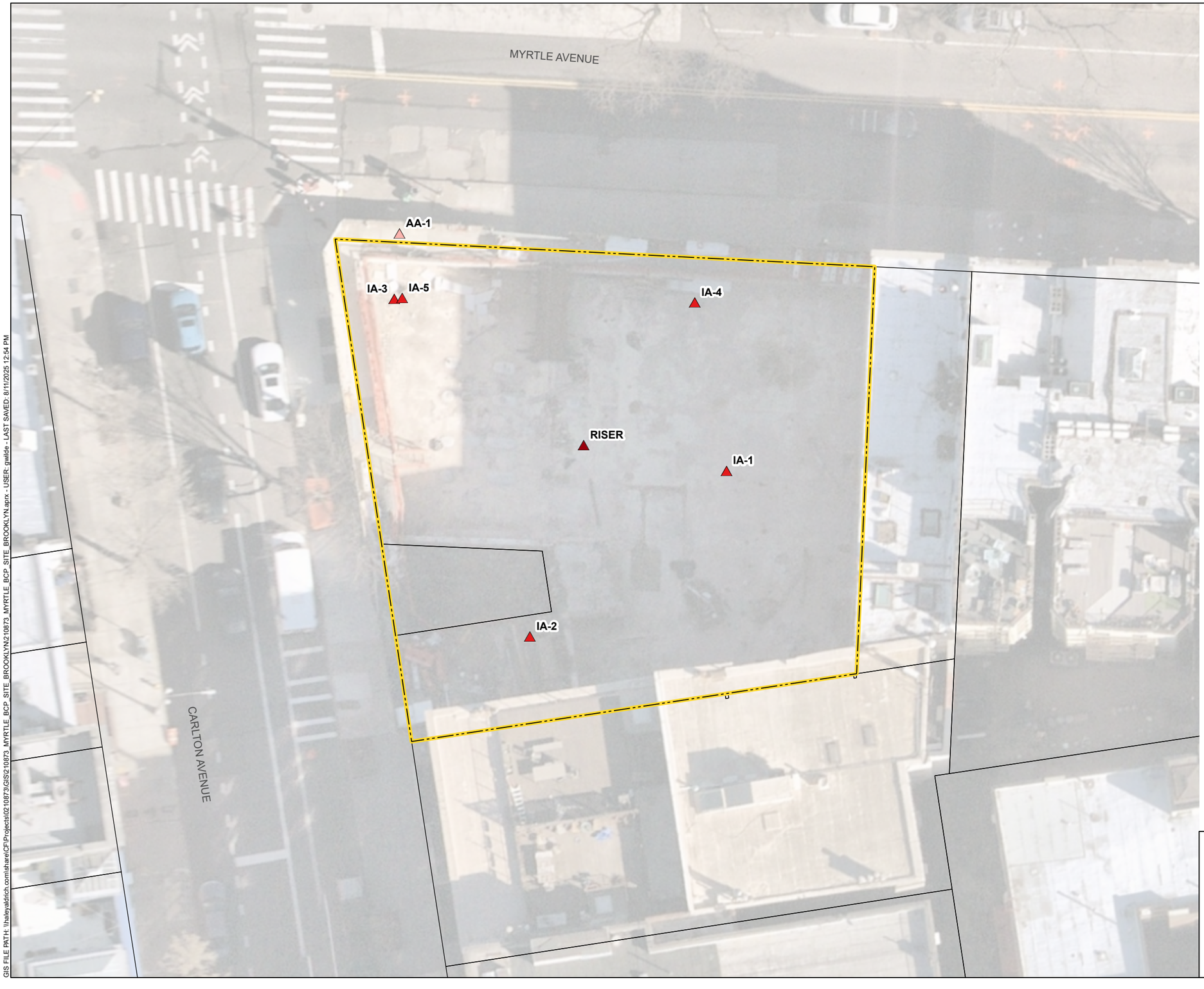
340 MYRTLE AVENUE
BROOKLYN, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JUNE 2024

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\02\10873\GIS\210873_MYRTLE_BCP_SITE_BROOKLYN\210873_MYRTLE_BCP_SITE_BROOKLYN.aprx - mmiones - 6/6/2024 11:14 AM



LEGEND

- AMBIENT AIR SAMPLE LOCATION
- INDOOR AIR SAMPLE LOCATION
- SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) RISER SAMPLE PORT
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. INDOOR AIR SAMPLES IA-1, IA-2, AND IA-3 LOCATED ON THE CELLAR LEVEL; IA-4 AND IA-5 LOCATED ON THE FIRST FLOOR.
3. PARCEL DATA SOURCE: KINGS COUNTY
4. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 8, 2024

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

340 MYRTLE AVENUE
BROOKLYN, NEW YORK

INDOOR AIR SAMPLE LOCATIONS

AUGUST 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\021087\3\GIS\210873_MYRTLE_BCP_SITE_BROOKLYN\210873_MYRTLE_BCP_SITE_BROOKLYN.aprx - USER: gwilde - LAST SAVED: 8/11/2025 12:54 PM

ATTACHMENT 1
Laboratory Analytical Report

Technical Report

prepared for:

Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York NY, 10001
Attention: Nicole Mooney

Report Date: 08/12/2025
Client Project ID: 0210873 - 340 Myrtle Avenue, Brooklyn, NY
York Project (SDG) No.: 25G1861

Report Date: 08/12/2025
Client Project ID: 0210873 - 340 Myrtle Avenue, Brooklyn, NY
York Project (SDG) No.: 25G1861

Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York NY, 10001
Attention: Nicole Mooney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 29, 2025 and listed below. The project was identified as your project: **0210873 - 340 Myrtle Avenue, Brooklyn, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G1861-01	IA-01_20250728	Indoor Ambient Air	07/28/2025	07/29/2025
25G1861-02	IA-02_20250728	Indoor Ambient Air	07/28/2025	07/29/2025
25G1861-03	IA-03_20250728	Indoor Ambient Air	07/28/2025	07/29/2025
25G1861-04	IA-04_20250728	Indoor Ambient Air	07/28/2025	07/29/2025
25G1861-05	IA-05_20250728	Indoor Ambient Air	07/28/2025	07/29/2025
25G1861-06	AA-01_20250728	Outdoor Ambient Ai	07/28/2025	07/29/2025
25G1861-07	RISER-01_20250728	Soil Vapor	07/28/2025	07/29/2025

General Notes for York Project (SDG) No.: 25G1861

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

Approved By: 

Date: 08/12/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: IA-01_20250728 **York Sample ID:** 25G1861-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 11:21 am	07/29/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.65	0.65	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.52	0.52	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.65	0.65	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	0.73	0.73	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.52	0.52	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.38	0.38	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.094	0.19	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.71	35	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**5.3**	D	ug/m³	0.47	0.47	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	0.73	0.73	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.57	0.57	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.38	0.38	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.44	0.44	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.66	0.66	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**1.5**	D	ug/m³	0.47	0.47	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.63	0.63	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.57	0.57	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.44	0.44	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.57	0.57	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.68	0.68	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^2,2,4-Trimethylpentane	ND	U	ug/m³	0.11	0.22	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			

Sample Information

Client Sample ID: IA-01_20250728 **York Sample ID:** 25G1861-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 11:21 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**300**	D	ug/m³	2.6	130	8.915	EPA TO-15	07/31/2025 12:00	08/04/2025 21:59	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	*** 2-Hexanone**	**2.2**	D	ug/m³	0.78	0.78	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	1.5	1.5	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**3.2**	D	ug/m³	0.39	0.39	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**460**	D	ug/m³	4.2	110	8.915	EPA TO-15	07/31/2025 12:00	08/04/2025 21:59	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**0.66**	J, D	ug/m³	0.21	10	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**3.5**	D	ug/m³	0.30	0.30	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	U	ug/m³	0.49	4.9	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND	U	ug/m³	0.64	0.64	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	U	ug/m³	0.98	0.98	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND	U	ug/m³	0.37	0.37	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**15**	D	ug/m³	0.30	0.30	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.54**	D	ug/m³	0.15	0.15	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND	U	ug/m³	0.44	0.44	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND	U	ug/m³	0.25	0.25	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**6.8**	D	ug/m³	0.46	0.46	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**3.7**	TO-CCV, TO-LCS-H, D	ug/m³	0.20	0.20	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.094	0.19	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.43	0.43	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**3.7**	D	ug/m³	0.33	0.33	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND	U	ug/m³	0.81	0.81	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-01_20250728 **York Sample ID:** 25G1861-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 11:21 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.2**	D	ug/m³	0.47	0.47	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**41**	D	ug/m³	0.68	17	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**8.2**	D	ug/m³	0.41	0.41	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	1.0	1.0	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**46**	D	ug/m³	0.47	1.4	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	**Methyl Methacrylate**	**10**	D	ug/m³	0.39	0.39	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.34	0.34	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**1.1**	J, D	ug/m³	0.66	2.0	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	*** ^Naphthalene**	**1.7**	J, D	ug/m³	1.0	5.0	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**5.0**	D	ug/m³	0.39	0.39	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**3.2**	D	ug/m³	0.33	0.33	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**14**	D	ug/m³	0.41	0.41	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**33**	D	ug/m³	0.82	0.82	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND	U	ug/m³	0.47	0.47	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
115-07-1	*** Propylene**	**4.8**	D	ug/m³	0.16	0.16	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
100-42-5	**Styrene**	**12**	D	ug/m³	0.40	0.40	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**2.2**	D	ug/m³	0.64	0.64	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND	U	ug/m³	0.56	0.56	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			
108-88-3	**Toluene**	**47**	D	ug/m³	0.36	0.36	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	**trans-1,2-Dichloroethylene**	**1.5**	D	ug/m³	0.38	0.38	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.43	0.43	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND	U	ug/m³	0.13	0.13	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-01_20250728 **York Sample ID:** 25G1861-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 11:21 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**	D	ug/m³	0.53	0.53	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	U	ug/m³	0.33	0.33	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND	U	ug/m³	0.42	0.42	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.12	0.12	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**48**	D	ug/m³	1.2	1.2	0.95	EPA TO-15	07/31/2025 12:00	08/01/2025 22:39	YR
								Certifications:			

Sample Information

Client Sample ID: IA-02_20250728 **York Sample ID:** 25G1861-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:04 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.71	0.71	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.56	0.56	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.71	0.71	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	0.79	0.79	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.56	0.56	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.42	0.42	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.10	0.20	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.77	38	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**4.5**	D	ug/m³	0.51	0.51	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	0.79	0.79	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.62	0.62	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.42	0.42	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.48	0.48	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.72	0.72	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**	D	ug/m³	0.51	0.51	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.68	0.68	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.62	0.62	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.48	0.48	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.62	0.62	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.74	0.74	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^2,2,4-Trimethylpentane	ND	U	ug/m³	0.12	0.24	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
78-93-3	**2-Butanone**	**180**	D	ug/m³	2.9	140	9.69	EPA TO-15	07/31/2025 12:00	08/04/2025 22:45	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-02_20250728 **York Sample ID:** 25G1861-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:04 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**3.3**	D	ug/m³	0.85	0.85	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	1.6	1.6	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**6.3**	D	ug/m³	0.42	0.42	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**590**	D	ug/m³	4.6	120	9.69	EPA TO-15	07/31/2025 12:00	08/04/2025 22:45	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**1.4**	J, D	ug/m³	0.22	11	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**4.4**	D	ug/m³	0.33	0.33	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	U	ug/m³	0.53	5.3	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.69	0.69	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	U	ug/m³	1.1	1.1	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	U	ug/m³	0.40	0.40	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**39**	D	ug/m³	0.32	0.32	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.58**	D	ug/m³	0.16	0.16	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND	U	ug/m³	0.48	0.48	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	U	ug/m³	0.27	0.27	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**8.3**	D	ug/m³	0.50	0.50	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**3.9**	TO-CCV, TO-LCS-H, D	ug/m³	0.21	0.21	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.10	0.20	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.47	0.47	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**6.8**	D	ug/m³	0.36	0.36	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND	U	ug/m³	0.88	0.88	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.2**	D	ug/m³	0.51	0.51	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-02_20250728 **York Sample ID:** 25G1861-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:04 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**23**	D	ug/m³	0.74	19	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**14**	D	ug/m³	0.45	0.45	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	1.1	1.1	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**59**	D	ug/m³	0.51	1.5	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**17**	D	ug/m³	0.42	0.42	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.37	0.37	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.3**	J, D	ug/m³	0.72	2.2	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^**Naphthalene**	**2.7**	J, D	ug/m³	1.1	5.4	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**7.9**	D	ug/m³	0.42	0.42	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**4.9**	D	ug/m³	0.36	0.36	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**28**	D	ug/m³	0.45	0.45	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**64**	D	ug/m³	0.90	0.90	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* **p-Ethyltoluene**	**3.1**	D	ug/m³	0.51	0.51	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
115-07-1	* **Propylene**	**5.1**	D	ug/m³	0.18	0.18	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
100-42-5	**Styrene**	**16**	D	ug/m³	0.44	0.44	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**2.1**	D	ug/m³	0.70	0.70	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND	U	ug/m³	0.61	0.61	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			
108-88-3	**Toluene**	**83**	D	ug/m³	0.39	0.39	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**2.2**	D	ug/m³	0.41	0.41	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.47	0.47	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND	U	ug/m³	0.14	0.14	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**	D	ug/m³	0.58	0.58	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-02_20250728 **York Sample ID:** 25G1861-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:04 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	**Vinyl acetate**	**0.51**	D	ug/m³	0.36	0.36	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND	U	ug/m³	0.45	0.45	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.13	0.13	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**93**	D	ug/m³	1.3	1.3	1.032	EPA TO-15	07/31/2025 12:00	08/01/2025 23:26	YR
								Certifications:			

Sample Information

Client Sample ID: IA-03_20250728 **York Sample ID:** 25G1861-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:05 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.63	0.63	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.50	0.50	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.63	0.63	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	0.70	0.70	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.50	0.50	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.37	0.37	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.091	0.18	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.68	34	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**4.5**	D	ug/m³	0.45	0.45	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	0.71	0.71	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.55	0.55	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.37	0.37	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.42	0.42	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.64	0.64	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**	D	ug/m³	0.45	0.45	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.61	0.61	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.55	0.55	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.42	0.42	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.55	0.55	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.66	0.66	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^**2,2,4-Trimethylpentane**	**2.1**	D	ug/m³	0.11	0.21	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
78-93-3	**2-Butanone**	**100**	D	ug/m³	0.27	14	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03_20250728 **York Sample ID:** 25G1861-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:05 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**2.8**	D	ug/m³	0.75	0.75	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	1.4	1.4	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**2.4**	D	ug/m³	0.38	0.38	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**410**	D	ug/m³	4.1	100	8.63	EPA TO-15	07/31/2025 12:00	08/04/2025 23:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**1.5**	J, D	ug/m³	0.20	10	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**3.6**	D	ug/m³	0.29	0.29	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	U	ug/m³	0.48	4.8	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	**Bromodichloromethane**	**0.92**	D	ug/m³	0.62	0.62	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	U	ug/m³	0.95	0.95	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	U	ug/m³	0.36	0.36	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**12**	D	ug/m³	0.29	0.29	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.58**	D	ug/m³	0.14	0.14	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND	U	ug/m³	0.42	0.42	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	U	ug/m³	0.24	0.24	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**12**	D	ug/m³	0.45	0.45	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**3.1**	TO-CCV, TO-LCS-H, D	ug/m³	0.19	0.19	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.091	0.18	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.42	0.42	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**3.1**	D	ug/m³	0.32	0.32	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND	U	ug/m³	0.78	0.78	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.1**	D	ug/m³	0.45	0.45	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03_20250728 **York Sample ID:** 25G1861-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:05 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**42**	D	ug/m³	0.66	17	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**5.5**	D	ug/m³	0.40	0.40	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	0.98	0.98	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**50**	D	ug/m³	0.45	1.4	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**14**	D	ug/m³	0.38	0.38	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.33	0.33	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.1**	J, D	ug/m³	0.64	1.9	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^**Naphthalene**	**2.1**	J, D	ug/m³	0.96	4.8	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**3.8**	D	ug/m³	0.38	0.38	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.7**	D	ug/m³	0.32	0.32	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**9.9**	D	ug/m³	0.40	0.40	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**23**	D	ug/m³	0.80	0.80	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* **p-Ethyltoluene**	**2.4**	D	ug/m³	0.45	0.45	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
115-07-1	* **Propylene**	**4.9**	D	ug/m³	0.16	0.16	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
100-42-5	**Styrene**	**15**	D	ug/m³	0.39	0.39	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**2.2**	D	ug/m³	0.62	0.62	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* **Tetrahydrofuran**	**6.7**	D	ug/m³	0.54	0.54	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			
108-88-3	**Toluene**	**34**	D	ug/m³	0.35	0.35	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**0.87**	D	ug/m³	0.36	0.36	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.42	0.42	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND	U	ug/m³	0.12	0.12	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**	D	ug/m³	0.52	0.52	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03_20250728 **York Sample ID:** 25G1861-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:05 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	**Vinyl acetate**	**0.61**	D	ug/m³	0.32	0.32	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND	U	ug/m³	0.40	0.40	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.12	0.12	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**33**	D	ug/m³	1.2	1.2	0.919	EPA TO-15	07/31/2025 12:00	08/02/2025 00:12	YR
								Certifications:			

Sample Information

Client Sample ID: IA-04_20250728 **York Sample ID:** 25G1861-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:08 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.66	0.66	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.52	0.52	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.66	0.66	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	0.73	0.73	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.52	0.52	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.39	0.39	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.095	0.19	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.71	36	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**3.5**	D	ug/m³	0.47	0.47	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	0.74	0.74	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.58	0.58	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.39	0.39	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.44	0.44	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.67	0.67	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**0.99**	D	ug/m³	0.47	0.47	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.64	0.64	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.58	0.58	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.44	0.44	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.58	0.58	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.69	0.69	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^**2,2,4-Trimethylpentane**	**3.2**	D	ug/m³	0.11	0.22	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
78-93-3	**2-Butanone**	**120**	D	ug/m³	0.28	14	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-04_20250728 **York Sample ID:** 25G1861-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:08 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**1.8**	D	ug/m³	0.78	0.78	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	1.5	1.5	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**0.71**	D	ug/m³	0.39	0.39	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**410**	D	ug/m³	4.3	110	8.985	EPA TO-15	07/31/2025 12:00	08/05/2025 00:18	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**0.81**	J, D	ug/m³	0.21	10	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**4.9**	D	ug/m³	0.31	0.31	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	U	ug/m³	0.50	5.0	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND	U	ug/m³	0.64	0.64	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	U	ug/m³	0.99	0.99	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	U	ug/m³	0.37	0.37	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**4.0**	D	ug/m³	0.30	0.30	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.60**	D	ug/m³	0.15	0.15	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND	U	ug/m³	0.44	0.44	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	U	ug/m³	0.25	0.25	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**6.7**	D	ug/m³	0.47	0.47	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**3.0**	TO-CCV, TO-LCS-H, D	ug/m³	0.20	0.20	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.095	0.19	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.43	0.43	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**2.7**	D	ug/m³	0.33	0.33	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND	U	ug/m³	0.82	0.82	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.3**	D	ug/m³	0.47	0.47	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-04_20250728 **York Sample ID:** 25G1861-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:08 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**36**	D	ug/m³	0.69	17	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**6.0**	D	ug/m³	0.42	0.42	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	1.0	1.0	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**45**	D	ug/m³	0.47	1.4	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**12**	D	ug/m³	0.39	0.39	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.35	0.35	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.1**	J, D	ug/m³	0.66	2.0	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^**Naphthalene**	**2.1**	J, D	ug/m³	1.0	5.0	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**3.9**	D	ug/m³	0.39	0.39	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.9**	D	ug/m³	0.34	0.34	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**7.3**	D	ug/m³	0.42	0.42	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**21**	D	ug/m³	0.83	0.83	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* **p-Ethyltoluene**	**2.8**	D	ug/m³	0.47	0.47	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
115-07-1	* **Propylene**	**4.9**	D	ug/m³	0.16	0.16	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
100-42-5	**Styrene**	**10**	D	ug/m³	0.41	0.41	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**1.6**	D	ug/m³	0.65	0.65	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND	U	ug/m³	0.56	0.56	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			
108-88-3	**Toluene**	**33**	D	ug/m³	0.36	0.36	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**8.7**	D	ug/m³	0.38	0.38	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.43	0.43	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND	U	ug/m³	0.13	0.13	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**	D	ug/m³	0.54	0.54	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-04_20250728 **York Sample ID:** 25G1861-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:08 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	U	ug/m³	0.34	0.34	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND	U	ug/m³	0.42	0.42	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.12	0.12	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1330-20-7	*** Xylenes, Total**	**28**	D	ug/m³	1.2	1.2	0.957	EPA TO-15	07/31/2025 12:00	08/02/2025 00:58	YR
								Certifications:			

Sample Information

Client Sample ID: IA-05_20250728 **York Sample ID:** 25G1861-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:09 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.67	0.67	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.53	0.53	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.67	0.67	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	0.74	0.74	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.53	0.53	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.39	0.39	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.096	0.19	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.72	36	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**3.8**	D	ug/m³	0.48	0.48	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	0.75	0.75	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.58	0.58	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.39	0.39	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.45	0.45	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.68	0.68	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**1.1**	D	ug/m³	0.48	0.48	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.64	0.64	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.58	0.58	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.45	0.45	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.58	0.58	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.70	0.70	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^**2,2,4-Trimethylpentane**	**3.2**	D	ug/m³	0.11	0.23	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
78-93-3	**2-Butanone**	**120**	D	ug/m³	0.29	14	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-05_20250728 **York Sample ID:** 25G1861-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:09 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**3.1**	D	ug/m³	0.80	0.80	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	1.5	1.5	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**0.88**	D	ug/m³	0.40	0.40	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**370**	D	ug/m³	3.5	87	7.292	EPA TO-15	07/31/2025 12:00	08/05/2025 01:04	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**0.46**	J, D	ug/m³	0.21	11	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**4.5**	D	ug/m³	0.31	0.31	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	U	ug/m³	0.50	5.0	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND	U	ug/m³	0.65	0.65	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	U	ug/m³	1.0	1.0	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	U	ug/m³	0.38	0.38	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**3.2**	D	ug/m³	0.30	0.30	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.61**	D	ug/m³	0.15	0.15	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND	U	ug/m³	0.45	0.45	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	U	ug/m³	0.26	0.26	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**6.9**	D	ug/m³	0.47	0.47	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**3.0**	TO-CCV, TO-LCS-H, D	ug/m³	0.20	0.20	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.096	0.19	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.44	0.44	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**2.7**	D	ug/m³	0.33	0.33	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND	U	ug/m³	0.83	0.83	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.1**	D	ug/m³	0.48	0.48	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-05_20250728 **York Sample ID:** 25G1861-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:09 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**36**	D	ug/m³	0.70	17	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**5.9**	D	ug/m³	0.42	0.42	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	1.0	1.0	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**46**	D	ug/m³	0.48	1.4	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**12**	D	ug/m³	0.40	0.40	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.35	0.35	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**0.94**	J, D	ug/m³	0.67	2.0	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^**Naphthalene**	**2.1**	J, D	ug/m³	1.0	5.1	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**3.7**	D	ug/m³	0.40	0.40	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.7**	D	ug/m³	0.34	0.34	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**7.1**	D	ug/m³	0.42	0.42	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**20**	D	ug/m³	0.84	0.84	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* **p-Ethyltoluene**	**2.9**	D	ug/m³	0.48	0.48	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
115-07-1	* **Propylene**	**4.4**	D	ug/m³	0.17	0.17	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
100-42-5	**Styrene**	**11**	D	ug/m³	0.41	0.41	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**1.5**	D	ug/m³	0.66	0.66	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* **Tetrahydrofuran**	**1.8**	D	ug/m³	0.57	0.57	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			
108-88-3	**Toluene**	**32**	D	ug/m³	0.37	0.37	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**7.9**	D	ug/m³	0.38	0.38	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.44	0.44	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND	U	ug/m³	0.13	0.13	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**	D	ug/m³	0.55	0.55	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-05_20250728 **York Sample ID:** 25G1861-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Indoor Ambient Air	July 28, 2025 10:09 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	U	ug/m³	0.34	0.34	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND	U	ug/m³	0.42	0.42	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.12	0.12	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1330-20-7	*** Xylenes, Total**	**27**	D	ug/m³	1.3	1.3	0.971	EPA TO-15	07/31/2025 12:00	08/02/2025 01:44	YR
								Certifications:			

Sample Information

Client Sample ID: AA-01_20250728 **York Sample ID:** 25G1861-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Outdoor Ambient Air	July 28, 2025 10:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.90	0.90	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.71	0.71	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.90	0.90	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	1.0	1.0	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.71	0.71	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.53	0.53	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.13	0.26	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.97	48	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**1.0**	D	ug/m³	0.64	0.64	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	1.0	1.0	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.79	0.79	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.53	0.53	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.60	0.60	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.91	0.91	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND	U	ug/m³	0.64	0.64	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.87	0.87	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.79	0.79	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.60	0.60	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.79	0.79	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.94	0.94	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^**2,2,4-Trimethylpentane**	**1.7**	D	ug/m³	0.15	0.31	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
78-93-3	**2-Butanone**	**7.0**	J, D	ug/m³	0.39	19	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: AA-01_20250728 **York Sample ID:** 25G1861-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Outdoor Ambient Air	July 28, 2025 10:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND	U	ug/m³	1.1	1.1	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	2.0	2.0	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**0.59**	D	ug/m³	0.54	0.54	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**73**	D	ug/m³	0.62	16	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND	U	ug/m³	0.28	14	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**2.5**	D	ug/m³	0.42	0.42	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	U	ug/m³	0.68	6.8	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND	U	ug/m³	0.87	0.87	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	U	ug/m³	1.3	1.3	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	U	ug/m³	0.51	0.51	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND	U	ug/m³	0.41	0.41	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.49**	D	ug/m³	0.21	0.21	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND	U	ug/m³	0.60	0.60	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	U	ug/m³	0.34	0.34	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**4.8**	D	ug/m³	0.64	0.64	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**2.8**	TO-CCV, TO-LCS-H, D	ug/m³	0.27	0.27	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.13	0.26	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.59	0.59	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.45	0.45	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND	U	ug/m³	1.1	1.1	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.3**	D	ug/m³	0.65	0.65	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: AA-01_20250728 **York Sample ID:** 25G1861-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Outdoor Ambient Air	July 28, 2025 10:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* **Ethyl acetate**	**84**	D	ug/m³	0.94	24	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**1.5**	D	ug/m³	0.57	0.57	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	1.4	1.4	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**12**	D	ug/m³	0.64	1.9	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**2.6**	D	ug/m³	0.53	0.53	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.47	0.47	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND	U	ug/m³	0.91	2.7	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^**Naphthalene**	**2.3**	J, D	ug/m³	1.4	6.8	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**0.86**	D	ug/m³	0.54	0.54	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.3**	D	ug/m³	0.46	0.46	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.7**	D	ug/m³	0.57	0.57	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.8**	D	ug/m³	1.1	1.1	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND	U	ug/m³	0.64	0.64	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
115-07-1	* **Propylene**	**1.4**	D	ug/m³	0.22	0.22	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.56	0.56	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND	U	ug/m³	0.89	0.89	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND	U	ug/m³	0.77	0.77	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			
108-88-3	**Toluene**	**5.9**	D	ug/m³	0.49	0.49	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND	U	ug/m³	0.52	0.52	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.59	0.59	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND	U	ug/m³	0.18	0.18	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**	D	ug/m³	0.73	0.73	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: AA-01_20250728 **York Sample ID:** 25G1861-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Outdoor Ambient Air	July 28, 2025 10:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	**Vinyl acetate**	**1.1**	D	ug/m³	0.46	0.46	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND	U	ug/m³	0.57	0.57	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.17	0.17	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications: NELAC-NY12058,NJDEP-NY037			
1330-20-7	*** Xylenes, Total**	**7.5**	D	ug/m³	1.7	1.7	1.306	EPA TO-15	07/31/2025 12:00	08/02/2025 02:31	YR
								Certifications:			

Sample Information

Client Sample ID: RISER-01_20250728 **York Sample ID:** 25G1861-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Soil Vapor	July 28, 2025 8:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	U	ug/m³	0.69	0.69	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	U	ug/m³	0.55	0.55	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/m³	0.69	0.69	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	ug/m³	0.77	0.77	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND	U	ug/m³	0.55	0.55	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND	U	ug/m³	0.40	0.40	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND	U	ug/m³	0.099	0.20	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, U	ug/m³	0.74	37	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**3.3**		ug/m³	0.49	0.49	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND	U	ug/m³	0.77	0.77	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND	U	ug/m³	0.60	0.60	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND	U	ug/m³	0.40	0.40	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND	U	ug/m³	0.46	0.46	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	U	ug/m³	0.70	0.70	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**0.88**		ug/m³	0.49	0.49	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND	U	ug/m³	0.66	0.66	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND	U	ug/m³	0.60	0.60	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND	U	ug/m³	0.46	0.46	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	U	ug/m³	0.60	0.60	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	U	ug/m³	0.72	0.72	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* ^2,2,4-Trimethylpentane	ND	U	ug/m³	0.12	0.23	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
78-93-3	**2-Butanone**	**3.7**	J	ug/m³	0.29	15	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: RISER-01_20250728 **York Sample ID:** 25G1861-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Soil Vapor	July 28, 2025 8:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND	U	ug/m³	0.82	0.82	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
107-05-1	3-Chloropropene	ND	U	ug/m³	1.6	1.6	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**20**		ug/m³	0.41	0.41	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**30**		ug/m³	0.48	12	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND	U	ug/m³	0.22	11	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**10**		ug/m³	0.32	0.32	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	U	ug/m³	0.52	5.2	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND	U	ug/m³	0.67	0.67	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND	U	ug/m³	1.0	1.0	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	U	ug/m³	0.39	0.39	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**12**		ug/m³	0.31	0.31	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.50**		ug/m³	0.16	0.16	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	**Chlorobenzene**	**5.0**		ug/m³	0.46	0.46	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	U	ug/m³	0.26	0.26	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**7.0**		ug/m³	0.49	0.49	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.47**	TO-CCV, TO-LCS-H	ug/m³	0.21	0.21	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND	U	ug/m³	0.099	0.20	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND	U	ug/m³	0.45	0.45	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**0.79**		ug/m³	0.34	0.34	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND	U	ug/m³	0.85	0.85	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.49	0.49	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: RISER-01_20250728 **York Sample ID:** 25G1861-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Soil Vapor	July 28, 2025 8:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	*** Ethyl acetate**	**19**		ug/m³	0.72	18	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
100-41-4	**Ethyl Benzene**	**6.2**		ug/m³	0.43	0.43	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	U	ug/m³	1.1	1.1	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**11**		ug/m³	0.49	1.5	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**4.1**		ug/m³	0.41	0.41	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	U	ug/m³	0.36	0.36	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.2**	J	ug/m³	0.69	2.1	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^Naphthalene	ND	U	ug/m³	1.0	5.2	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**2.5**		ug/m³	0.41	0.41	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**1.6**		ug/m³	0.35	0.35	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**19**		ug/m³	0.43	0.43	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**27**		ug/m³	0.87	0.87	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**2.9**		ug/m³	0.49	0.49	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
115-07-1	*** Propylene**	**1.9**		ug/m³	0.17	0.17	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
100-42-5	**Styrene**	**6.5**		ug/m³	0.43	0.43	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**43**		ug/m³	0.68	0.68	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**9.1**		ug/m³	0.59	0.59	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			
108-88-3	**Toluene**	**11**		ug/m³	0.38	0.38	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**8.4**		ug/m³	0.40	0.40	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND	U	ug/m³	0.45	0.45	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND	U	ug/m³	0.13	0.13	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.56	0.56	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: RISER-01_20250728 **York Sample ID:** 25G1861-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1861	0210873 - 340 Myrtle Avenue, Brooklyn, NY	Soil Vapor	July 28, 2025 8:00 am	07/29/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	**Vinyl acetate**	**0.53**		ug/m³	0.35	0.35	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND	U	ug/m³	0.44	0.44	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND	U	ug/m³	0.13	0.13	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1330-20-7	*** Xylenes, Total**	**46**		ug/m³	1.3	1.3	1	EPA TO-15	07/31/2025 08:00	07/31/2025 16:01	YR
								Certifications:			

Analytical Batch Summary

Batch ID: BG52332 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25G1861-07	RISER-01_20250728	07/31/25
BG52332-BLK1	Blank	07/31/25
BG52332-BS1	LCS	07/31/25

Batch ID: BH50066 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25G1861-01	IA-01_20250728	07/31/25
25G1861-02	IA-02_20250728	07/31/25
25G1861-03	IA-03_20250728	07/31/25
25G1861-04	IA-04_20250728	07/31/25
25G1861-05	IA-05_20250728	07/31/25
25G1861-06	AA-01_20250728	07/31/25
BH50066-BLK1	Blank	07/31/25
BH50066-BS1	LCS	07/31/25

Batch ID: BH50311 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25G1861-01RE1	IA-01_20250728	07/31/25
25G1861-02RE1	IA-02_20250728	07/31/25
25G1861-03RE1	IA-03_20250728	07/31/25
25G1861-04RE1	IA-04_20250728	07/31/25
25G1861-05RE1	IA-05_20250728	07/31/25
BH50311-BLK1	Blank	08/03/25
BH50311-BS1	LCS	08/03/25

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52332 - EPA TO15 PREP											
Blank (BG52332-BLK1)											Prepared & Analyzed: 07/31/2025
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	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
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	15	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrolein	ND	0.23	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	5.2	"								
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	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethanol	ND	5.7	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Isopropylbenzene	ND	0.49	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52332 - EPA TO15 PREP											
Blank (BG52332-BLK1)											
Prepared & Analyzed: 07/31/2025											
Methyl Methacrylate	ND	0.41	ug/m³								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	5.2	"								
n-Butylbenzene	ND	0.55	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
n-Propylbenzene	ND	0.49	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
p-Isopropyltoluene	ND	0.55	"								
Propylene	ND	0.17	"								
sec-Butylbenzene	ND	0.55	"								
Styrene	ND	0.43	"								
tert-Butylbenzene	ND	0.55	"								
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	"								
Xylenes, Total	ND	1.3	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52332 - EPA TO15 PREP											
LCS (BG52332-BS1)								Prepared & Analyzed: 07/31/2025			
1,1,1,2-Tetrachloroethane	10.0		ppbv	10.0		100	70-130				
1,1,1-Trichloroethane	9.45		"	10.0		94.5	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.39		"	10.0		93.9	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	9.95		"	10.0		99.5	70-130				
1,1-Dichloroethylene	9.88		"	10.0		98.8	70-130				
1,2,4-Trichlorobenzene	15.7		"	10.0		157	70-130	High Bias			
1,2,4-Trimethylbenzene	10.4		"	10.0		104	70-130				
1,2-Dibromoethane	10.8		"	10.0		108	70-130				
1,2-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,2-Dichloroethane	10.0		"	10.0		100	70-130				
1,2-Dichloropropane	11.0		"	10.0		110	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	10.0		103	70-130				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,3-Butadiene	13.4		"	10.0		134	70-130	High Bias			
1,3-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,3-Dichloropropane	11.1		"	10.0		111	70-130				
1,4-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,4-Dioxane	10.4		"	10.0		104	70-130				
2,2,4-Trimethylpentane	10.1		"	10.0		101	70-130				
2-Butanone	9.94		"	10.0		99.4	70-130				
2-Hexanone	11.8		"	10.0		118	70-130				
3-Chloropropene	10.0		"	10.0		100	70-130				
4-Methyl-2-pentanone	11.2		"	10.0		112	70-130				
Acetone	9.37		"	10.0		93.7	70-130				
Acrolein	9.80		"	10.0		98.0	70-130				
Acrylonitrile	9.23		"	10.0		92.3	70-130				
Benzene	9.62		"	10.0		96.2	70-130				
Benzyl chloride	11.4		"	10.0		114	70-130				
Bromodichloromethane	10.6		"	10.0		106	70-130				
Bromoform	11.0		"	10.0		110	70-130				
Bromomethane	9.33		"	10.0		93.3	70-130				
Carbon disulfide	9.62		"	10.0		96.2	70-130				
Carbon tetrachloride	9.54		"	10.0		95.4	70-130				
Chlorobenzene	10.2		"	10.0		102	70-130				
Chloroethane	9.73		"	10.0		97.3	70-130				
Chloroform	9.59		"	10.0		95.9	70-130				
Chloromethane	16.6		"	10.0		166	70-130	High Bias			
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	70-130				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	10.8		"	10.0		108	70-130				
Dichlorodifluoromethane	9.59		"	10.0		95.9	70-130				
Ethanol	7.22		"	10.0		72.2	70-130				
Ethyl acetate	10.0		"	10.0		100	70-130				
Ethyl Benzene	10.1		"	10.0		101	70-130				
Hexachlorobutadiene	9.92		"	10.0		99.2	70-130				
Isopropanol	9.63		"	10.0		96.3	70-130				
Isopropylbenzene	10.1		"	10.0		101	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52332 - EPA TO15 PREP											
LCS (BG52332-BS1)								Prepared & Analyzed: 07/31/2025			
Methyl tert-butyl ether (MTBE)	9.75		ppbv	10.0		97.5	70-130				
Methylene chloride	9.97		"	10.0		99.7	70-130				
Naphthalene	12.0		"	10.0		120	70-130				
n-Butylbenzene	11.6		"	10.0		116	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	10.0		"	10.0		100	70-130				
n-Propylbenzene	10.5		"	10.0		105	70-130				
o-Xylene	10.3		"	10.0		103	70-130				
p- & m- Xylenes	20.3		"	20.0		102	70-130				
p-Ethyltoluene	10.4		"	10.0		104	70-130				
p-Isopropyltoluene	10.6		"	10.0		106	70-130				
Propylene	10.1		"	10.0		101	70-130				
sec-Butylbenzene	10.4		"	10.0		104	70-130				
Styrene	10.8		"	10.0		108	70-130				
tert-Butylbenzene	10.3		"	10.0		103	70-130				
Tetrachloroethylene	9.90		"	10.0		99.0	70-130				
Tetrahydrofuran	9.90		"	10.0		99.0	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	9.92		"	10.0		99.2	70-130				
trans-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Trichloroethylene	10.4		"	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	9.38		"	10.0		93.8	70-130				
Vinyl acetate	10.0		"	10.0		100	70-130				
Vinyl bromide	9.47		"	10.0		94.7	70-130				
Vinyl Chloride	13.4		"	10.0		134	70-130	High Bias			
Batch BH50066 - EPA TO15 PREP											
Blank (BH50066-BLK1)								Prepared: 07/31/2025 Analyzed: 08/01/2025			
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	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
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	15	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50066 - EPA TO15 PREP											
Blank (BH50066-BLK1)											
Prepared: 07/31/2025 Analyzed: 08/01/2025											
2-Hexanone	ND	0.82	ug/m³								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrolein	ND	0.23	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	5.2	"								
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	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethanol	ND	5.7	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Isopropylbenzene	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	5.2	"								
n-Butylbenzene	ND	0.55	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
n-Propylbenzene	ND	0.49	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
p-Isopropyltoluene	ND	0.55	"								
Propylene	ND	0.17	"								
sec-Butylbenzene	ND	0.55	"								
Styrene	ND	0.43	"								
tert-Butylbenzene	ND	0.55	"								
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	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50066 - EPA TO15 PREP											
Blank (BH50066-BLK1)								Prepared: 07/31/2025 Analyzed: 08/01/2025			
Vinyl acetate	ND	0.35	ug/m³								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
Xylenes, Total	ND	1.3	"								
LCS (BH50066-BS1)								Prepared: 07/31/2025 Analyzed: 08/01/2025			
1,1,1,2-Tetrachloroethane	10.2		ppbv	10.0		102	70-130				
1,1,1-Trichloroethane	9.44		"	10.0		94.4	70-130				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	70-130				
1,1,2-Trichloroethane	10.6		"	10.0		106	70-130				
1,1-Dichloroethane	10.1		"	10.0		101	70-130				
1,1-Dichloroethylene	9.97		"	10.0		99.7	70-130				
1,2,4-Trichlorobenzene	16.1		"	10.0		161	70-130	High Bias			
1,2,4-Trimethylbenzene	9.80		"	10.0		98.0	70-130				
1,2-Dibromoethane	11.1		"	10.0		111	70-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130				
1,2-Dichloroethane	9.99		"	10.0		99.9	70-130				
1,2-Dichloropropane	11.2		"	10.0		112	70-130				
1,2-Dichlorotetrafluoroethane	11.7		"	10.0		117	70-130				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70-130				
1,3-Butadiene	12.9		"	10.0		129	70-130				
1,3-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,3-Dichloropropane	11.3		"	10.0		113	70-130				
1,4-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,4-Dioxane	10.7		"	10.0		107	70-130				
2,2,4-Trimethylpentane	10.2		"	10.0		102	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	12.1		"	10.0		121	70-130				
3-Chloropropene	10.2		"	10.0		102	70-130				
4-Methyl-2-pentanone	11.3		"	10.0		113	70-130				
Acetone	8.89		"	10.0		88.9	70-130				
Acrolein	9.35		"	10.0		93.5	70-130				
Acrylonitrile	9.32		"	10.0		93.2	70-130				
Benzene	9.68		"	10.0		96.8	70-130				
Benzyl chloride	10.5		"	10.0		105	70-130				
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	11.2		"	10.0		112	70-130				
Bromomethane	9.09		"	10.0		90.9	70-130				
Carbon disulfide	9.69		"	10.0		96.9	70-130				
Carbon tetrachloride	9.55		"	10.0		95.5	70-130				
Chlorobenzene	10.4		"	10.0		104	70-130				
Chloroethane	9.35		"	10.0		93.5	70-130				
Chloroform	9.58		"	10.0		95.8	70-130				
Chloromethane	18.7		"	10.0		187	70-130	High Bias			
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	70-130				
cis-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Cyclohexane	10.2		"	10.0		102	70-130				
Dibromochloromethane	11.1		"	10.0		111	70-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	70-130				
Ethanol	6.78		"	10.0		67.8	70-130	Low Bias			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50066 - EPA TO15 PREP											
LCS (BH50066-BS1)								Prepared: 07/31/2025 Analyzed: 08/01/2025			
Ethyl acetate	10.1		ppbv	10.0		101	70-130				
Ethyl Benzene	10.2		"	10.0		102	70-130				
Hexachlorobutadiene	9.40		"	10.0		94.0	70-130				
Isopropanol	9.08		"	10.0		90.8	70-130				
Isopropylbenzene	10.3		"	10.0		103	70-130				
Methyl Methacrylate	11.4		"	10.0		114	70-130				
Methyl tert-butyl ether (MTBE)	9.83		"	10.0		98.3	70-130				
Methylene chloride	10.0		"	10.0		100	70-130				
Naphthalene	11.7		"	10.0		117	70-130				
n-Butylbenzene	10.3		"	10.0		103	70-130				
n-Heptane	10.3		"	10.0		103	70-130				
n-Hexane	10.2		"	10.0		102	70-130				
n-Propylbenzene	11.0		"	10.0		110	70-130				
o-Xylene	10.4		"	10.0		104	70-130				
p- & m- Xylenes	20.7		"	20.0		103	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
p-Isopropyltoluene	8.11		"	10.0		81.1	70-130				
Propylene	10.3		"	10.0		103	70-130				
sec-Butylbenzene	8.23		"	10.0		82.3	70-130				
Styrene	11.0		"	10.0		110	70-130				
tert-Butylbenzene	10.1		"	10.0		101	70-130				
Tetrachloroethylene	10.1		"	10.0		101	70-130				
Tetrahydrofuran	10.1		"	10.0		101	70-130				
Toluene	10.5		"	10.0		105	70-130				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	70-130				
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Trichloroethylene	10.5		"	10.0		105	70-130				
Trichlorofluoromethane (Freon 11)	9.10		"	10.0		91.0	70-130				
Vinyl acetate	11.1		"	10.0		111	70-130				
Vinyl bromide	9.17		"	10.0		91.7	70-130				
Vinyl Chloride	14.3		"	10.0		143	70-130	High Bias			

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

York Analytical Laboratories, Inc.

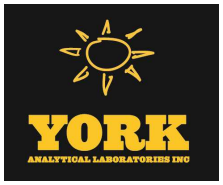
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50311 - EPA TO15 PREP											
Blank (BH50311-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
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	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
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	15	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrolein	ND	0.23	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	5.2	"								
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	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethanol	ND	5.7	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Isopropylbenzene	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								

Prepared: 08/03/2025 Analyzed: 08/04/2025

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50311 - EPA TO15 PREP											
Blank (BH50311-BLK1)											Prepared: 08/03/2025 Analyzed: 08/04/2025
Methyl tert-butyl ether (MTBE)	ND	0.36	ug/m³								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	5.2	"								
n-Butylbenzene	ND	0.55	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
n-Propylbenzene	ND	0.49	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
p-Isopropyltoluene	ND	0.55	"								
Propylene	ND	0.17	"								
sec-Butylbenzene	ND	0.55	"								
Styrene	ND	0.43	"								
tert-Butylbenzene	ND	0.55	"								
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	"								
Xylenes, Total	ND	1.3	"								
LCS (BH50311-BS1)											Prepared: 08/03/2025 Analyzed: 08/04/2025
1,1,1,2-Tetrachloroethane	9.78		ppbv	10.0		97.8	70-130				
1,1,1-Trichloroethane	9.59		"	10.0		95.9	70-130				
1,1,2,2-Tetrachloroethane	9.84		"	10.0		98.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.59		"	10.0		95.9	70-130				
1,1,2-Trichloroethane	12.1		"	10.0		121	70-130				
1,1-Dichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethylene	9.74		"	10.0		97.4	70-130				
1,2,4-Trichlorobenzene	15.8		"	10.0		158	70-130	High Bias			
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromoethane	9.88		"	10.0		98.8	70-130				
1,2-Dichlorobenzene	11.7		"	10.0		117	70-130				
1,2-Dichloroethane	8.71		"	10.0		87.1	70-130				
1,2-Dichloropropane	11.8		"	10.0		118	70-130				
1,2-Dichlorotetrafluoroethane	11.8		"	10.0		118	70-130				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,3-Butadiene	10.2		"	10.0		102	70-130				
1,3-Dichlorobenzene	12.6		"	10.0		126	70-130				
1,3-Dichloropropane	12.5		"	10.0		125	70-130				
1,4-Dichlorobenzene	14.2		"	10.0		142	70-130	High Bias			
1,4-Dioxane	10.0		"	10.0		100	70-130				
2,2,4-Trimethylpentane	9.73		"	10.0		97.3	70-130				
2-Butanone	9.58		"	10.0		95.8	70-130				
2-Hexanone	14.3		"	10.0		143	70-130	High Bias			



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50311 - EPA TO15 PREP											
LCS (BH50311-BS1)								Prepared: 08/03/2025 Analyzed: 08/04/2025			
3-Chloropropene	9.44		ppbv	10.0		94.4	70-130				
4-Methyl-2-pentanone	9.43		"	10.0		94.3	70-130				
Acetone	8.55		"	10.0		85.5	70-130				
Acrolein	9.40		"	10.0		94.0	70-130				
Acrylonitrile	8.66		"	10.0		86.6	70-130				
Benzene	8.22		"	10.0		82.2	70-130				
Benzyl chloride	14.3		"	10.0		143	70-130	High Bias			
Bromodichloromethane	9.89		"	10.0		98.9	70-130				
Bromoform	10.2		"	10.0		102	70-130				
Bromomethane	9.09		"	10.0		90.9	70-130				
Carbon disulfide	8.48		"	10.0		84.8	70-130				
Carbon tetrachloride	8.82		"	10.0		88.2	70-130				
Chlorobenzene	9.86		"	10.0		98.6	70-130				
Chloroethane	9.52		"	10.0		95.2	70-130				
Chloroform	9.44		"	10.0		94.4	70-130				
Chloromethane	14.1		"	10.0		141	70-130	High Bias			
cis-1,2-Dichloroethylene	9.09		"	10.0		90.9	70-130				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Cyclohexane	9.27		"	10.0		92.7	70-130				
Dibromochloromethane	10.5		"	10.0		105	70-130				
Dichlorodifluoromethane	9.34		"	10.0		93.4	70-130				
Ethanol	9.72		"	10.0		97.2	70-130				
Ethyl acetate	9.82		"	10.0		98.2	70-130				
Ethyl Benzene	9.53		"	10.0		95.3	70-130				
Hexachlorobutadiene	9.82		"	10.0		98.2	70-130				
Isopropanol	10.0		"	10.0		100	70-130				
Isopropylbenzene	9.73		"	10.0		97.3	70-130				
Methyl Methacrylate	11.5		"	10.0		115	70-130				
Methyl tert-butyl ether (MTBE)	9.50		"	10.0		95.0	70-130				
Methylene chloride	9.33		"	10.0		93.3	70-130				
Naphthalene	12.0		"	10.0		120	70-130				
n-Butylbenzene	13.2		"	10.0		132	70-130	High Bias			
n-Heptane	8.22		"	10.0		82.2	70-130				
n-Hexane	8.86		"	10.0		88.6	70-130				
n-Propylbenzene	9.98		"	10.0		99.8	70-130				
o-Xylene	9.77		"	10.0		97.7	70-130				
p- & m- Xylenes	19.3		"	20.0		96.4	70-130				
p-Ethyltoluene	11.3		"	10.0		113	70-130				
p-Isopropyltoluene	12.5		"	10.0		125	70-130				
Propylene	8.95		"	10.0		89.5	70-130				
sec-Butylbenzene	11.5		"	10.0		115	70-130				
Styrene	10.2		"	10.0		102	70-130				
tert-Butylbenzene	11.7		"	10.0		117	70-130				
Tetrachloroethylene	10.7		"	10.0		107	70-130				
Tetrahydrofuran	9.98		"	10.0		99.8	70-130				
Toluene	10.5		"	10.0		105	70-130				
trans-1,2-Dichloroethylene	9.04		"	10.0		90.4	70-130				
trans-1,3-Dichloropropylene	13.3		"	10.0		133	70-130	High Bias			
Trichloroethylene	10.4		"	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	9.23		"	10.0		92.3	70-130				
Vinyl acetate	10.5		"	10.0		105	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50311 - EPA TO15 PREP											
LCS (BH50311-BS1)									Prepared: 08/03/2025 Analyzed: 08/04/2025		
Vinyl bromide	9.63		ppbv	10.0		96.3	70-130				
Vinyl Chloride	11.8		"	10.0		118	70-130				

Sample and Data Qualifiers Relating to This Work Order

U	Analyte included in the analysis, but not detected
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
D	The result reported is from a dilution of the sample due to levels of target compounds found
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675

Page 1 of 1

YORK Project No. 25G1861

YOUR Information	Report To: SAME	Invoice To: SAME
Company: Haley & Aldrich of NY	Company:	Company:
Address: 213 W 35th St, New York, NY Suite 7, 10001	Address:	Address:
Phone:	Phone:	Phone:
Contact: nmooney@haleyaldrich.com	Contact:	Contact:
E-mail: mlevy@haleyaldrich.com	E-mail:	E-mail:

YOUR Project Number: 0210873-001-001-04

YOUR Project Name: 340 Myrtle Avenue ~~Development~~ ZCQ

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (~~6-9~~ 6-9 Day) ✓

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

Zavier Richards ZR

ZCR

Samples Collected by: (print AND sign your name)

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 Deliverables | NYSDEC EQuIS
(NY ASP B Package) | | NJDEP SRP HazSite
NJDKQP | Other: H&A EDD

YORK Reg. Comp.

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sample Start	Sample End	Matrix	Canister Vacuum (inHg) Before	Canister Vacuum (inHg) After	Canister ID #	Flow Cont. ID #	Canister Size (L)	Analysis Requested
IA-01_20250728	7/28/25 11:21	11:21	AI	-29	-9	41939	19389	6L	TO-15
IA-02_20250728	7/28/25 10:04	10:04	AI	-30	-10	50350	21032	6L	TO-15
IA-03_20250728	7/28/25 10:05	10:05	AI	-27	-6	24128	21028	6L	TO-15
IA-04_20250728	7/28/25 10:06	10:06	AI	-30	-8	28646	20454	6L	TO-15
IA-05_20250728	7/28/25 10:09	10:09	AI	-29	-10	41938	19411	6L	TO-15
AA-01-20250728	7/28/25 10:00	10:00	AO	-28	-12	50379	16416	6L	TO-15
RISER-01_20250728	7/28/25 8:00		AS					3L	TO-15

Comments: RUN SAMPLES — Standard TAT (6 Day) Riser-01_20250728 is a tedlar bag sample collected from an SSDS sample port

Container Ship Date:

Detection Limits Required

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZR/CQ	7/29/25	[signature]	7/29/25 1245	[signature]	7/29/25 15:15
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received at LAB by	Date / Time / Temperature
				[signature]	7/29/25 15:15

ATTACHMENT 2
Safety Data Sheets

SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012

Product: Goo Gone Pro-Power Goo and Adhesive Remover- 2180A

Revision Date: 11-Oct-2017

SECTION 1 – IDENTIFICATION

Product Identifier

Product Name: **Goo Gone Pro-Power Goo and Adhesive Remover**

Product Code: **2180A**

Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Cleaner

Restrictions for Use: Use only as directed.

Details of the Supplier

Manufacturer: Goo Gone
755 Tri-State Parkway
Gurnee, IL 60031
855-364-8135

Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Hazard Class	Category
Flammable Liquid	4
Skin Sensitization	1
Aspiration Hazard	1

Label Elements

Hazard Symbols(s):

Signal Word(s): Danger

Hazard Statement(s): Combustible liquid. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

Precautionary Statement(s): Keep away from flames and hot surfaces. No smoking. Avoid breathing fume/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other Hazards

2% of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
Petroleum distillates, hydrotreated light	64742-47-8	60-100
D-Limonene	5989-27-5	1-5
Orange, sweet, extract	8028-48-6	0.5-5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Eye Contact: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, seek medical attention immediately.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash with soap and water. If irritation persists, seek medical attention.

Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: May cause respiratory track irritation.

Eye Contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Ingestion: May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

Skin: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physician: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Treat for surrounding material.

Unsuitable: None known.

Specific Hazards Arising from Chemical

Products of combustion include but are not limited to: oxides of carbon. Combustible liquid.

Protective Equipment and Precautions for Firefighters

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions: See Section 12 for ecological information.

Methods and Material for Containment and Cleaning Up

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). For cleaning up scoop up material and place in a disposal container. Provide ventilation.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Keep away from sources of ignition. - No smoking. Avoid contact with skin and eyes. Avoid breathing in vapor or mist. Do not swallow. Handle and open container with care. Wash hands after use. Do not eat, drink, or smoke when using this product.

General Hygiene Advice: Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep cool.

Incompatible Materials: Oxidizers

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated light (64742-47-8)	200 mg/m^3	100 ppm	Not available
D-Limonene (5989-27-5)	Not available	Not available	Not available
Orange, sweet, extract (8028-48-6)	Not available	Not available	Not available

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual Protection Measures

Respiratory Protection: None required for normal use. In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin and Body Protection: Wear suitable protective clothing.

Eye/Face Protection: Safety glasses or goggles are recommended when using product.

General Work/Hygienic Practices: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Orange gel

Odor: Citrus

Odor threshold: Not determined

pH: Not determined

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: 85°C (185°F) TCC

Evaporation rate: Not determined

Flammability (solid, gas): Flammable

Upper/lower flammability or explosive limits: Not determined

Vapor pressure: Not determined

Vapor density: Not determined

Relative density: 0.81

Solubility(ies): Not determined

Partition coefficient (n-octanol/water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: 10-50 cP @ 20°C (68°F)

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal use.

Conditions to avoid: Heat. Incompatible materials. Sources of ignition.

Incompatible materials: Oxidizers

Hazardous decomposition products: May include and are not limited to: oxides of carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion

Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: **NTP:** No **IARC:** No **OSHA:** No

Numerical Measures of Toxicity

Product	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	Not available

Component Information:

Chemical Name	**Oral LD50**	**Dermal LD50**	**Inhalation LC50**
Petroleum distillates, hydrotreated light (64742-47-8)	>5000 mg/kg, rat	>2000 mg/kg, rabbit	>5.2 mg/l/4h, rat
D-Limonene (5989-27-5)	4400 mg/kg, rat	>5000 mg/kg, rabbit	Not available
Orange, sweet, extract (8028-48-6)	>5000 mg/kg, rat	>5000 mg/kg, rabbit	Not available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not established

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in soil: No additional information available

Other adverse effects: No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Note: Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

DOT (Ground): Not Regulated- See 49 CFR 173.150(f)(2) as the product is not bulk packaged.

IATA (Air): Not Regulated

IMDG (Vessel): Not Regulated

SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The

requirements of the Occupational Safety and Health Administration (OSHA) applicable to this Safety Data Sheet differ from the requirements of the CPSC and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

SECTION 16 – OTHER INFORMATION

Issue Date: 11-Oct-2017

Revision Date: 11-Oct-2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Paint Thinner

SECTION 1. IDENTIFICATION

Product Identifier	Paint Thinner
Other Means of Identification	83-521, 83-524
Recommended Use	Please refer to Product label.
Restrictions on Use	None known.
Manufacturer/Supplier Identifier	Recochem Inc., 850 Montee de Liesse, Montreal, QC, H4T 1P4, Compliance and Regulatory Department, 905-878-5544, www.recochem.com
Emergency Phone No.	CANUTEC, 613-996-6666, 24 Hours
SDS No.	17840057

SECTION 2. HAZARD IDENTIFICATION

Classification

Flammable liquid - Category 4; Skin irritation - Category 2; Carcinogenicity - Category 2; Specific target organ toxicity (single exposure) - Category 3

Label Elements

Signal Word:
Warning

Hazard Statement(s):
Combustible liquid.
Causes skin irritation.
May cause drowsiness or dizziness.
Suspected of causing cancer.

Precautionary Statement(s):
Prevention:
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing fume, mist, vapours, spray.
Wash hands and skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, eye protection.

Response:
IF ON SKIN: Wash with plenty of water.
Call a POISON CENTRE or doctor if you feel unwell.
If skin irritation occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTRE or doctor if you feel unwell.
In case of fire: Use appropriate foam, dry chemical powder to extinguish.

Storage:
Store in a well ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Disposal:
Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Hydrotreated kerosene	64742-47-8	80-100		

Notes

Use of Generic SDS:
If the concentration or actual concentration range of an ingredient of a particular hazardous product in the series is different from the concentration or actual concentration range disclosed for the rest of the series, either the concentration or the actual concentration range must be indicated beside that ingredient under item 3 (Composition/Information on ingredients) of the SDS. Furthermore, if any other specific information element(s) (such as flash point, numerical measure of toxicity, etc.) for a particular hazardous product in the series differs from that of the other products in the series (without affecting the classification), the information element relevant to that hazardous product must be disclosed on the SDS with an indication to which hazardous product each relates.

Source: Health Canada - Technical Guidance on the Requirements of the Hazardous Products Act and the Hazardous Products Regulations WHMIS 2015 Supplier Requirements - pg 117

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. Call a Poison Centre or doctor if you feel unwell.

Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Call a Poison Centre or doctor if you feel unwell. If skin irritation occurs, get medical advice or attention. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

Eye Contact

Avoid direct contact. Wear chemical protective gloves if necessary. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Immediate Medical Attention and Special Treatment

Target Organs

Nervous system.

Special Instructions

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Medical Conditions Aggravated by Exposure

Dermatitis, nervous system conditions.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents.
In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use

only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for Safe Storage

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	**TWA**	**STEL**	**TWA**	**Ceiling**	**8-hr TWA**	**TWA**
Hydrotreated kerosene	200 mg/m3 A3	Not established	Not established	Not established		

Appropriate Engineering Controls

Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.
Suitable materials are: nitrile rubber.

Respiratory Protection

Not normally required if product is used as directed. For non-routine or emergency situations: wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear. Particle Size: Not applicable
Odour	Characteristic
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	-49 ºC (-56 ºF) (melting); -49 ºC (-56 ºF) (freezing)
Initial Boiling Point/Range	217 ºC (423 ºF)
Flash Point	81.1 ºC (178.0 ºF)
Evaporation Rate	0.068 (n-butyl acetate = 1)
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	5% (upper); 0.6% (lower)
Vapour Pressure	0.00022 kPa (0.00165 mm Hg) 100
Vapour Density (air = 1)	6.1

Relative Density (water = 1)	0.751 - 0.845 at 15 ºC
Solubility	Insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	216 ºC (421 ºF)
Decomposition Temperature	Not applicable
Viscosity	Not available (kinematic); Not available (dynamic)

Other Information

Physical State	Liquid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not applicable
Surface Tension	Not applicable
Critical Temperature	Not applicable
Electrical Conductivity	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Oxidizing agents (e.g. peroxides).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Hydrotreated kerosene	> 5 mg/L (rat) (4-hour exposure)	> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)

LC50: Not applicable.

LD50 (oral): Not applicable.

LD50 (dermal): Not applicable.

Skin Corrosion/Irritation

Human experience and animal tests show moderate or severe irritation.

Serious Eye Damage/Irritation

Human experience and animal tests show mild irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause At high concentrations depression of the central nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion. A severe exposure can cause unconsciousness.
May cause At high concentrations nose and throat irritation.

Skin Absorption

No information was located.

Ingestion

May cause Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Aspiration Hazard

Can cause lung damage if aspirated based on human experience. Death can result.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer.
Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Hydrotreated kerosene	Group 3	A3	Not Listed	Listed

Key to Abbreviations

A3 = Animal carcinogen.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.
This section is not required by OSHA HCS 2012.

Ecotoxicity

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
Hydrotreated kerosene	Not available		Not available	

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

None known.

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Custom Regulatory 1

Consumer Product Safety Improvement Act of 2008 General Conformity Certification
The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 2** **Instability - 0**

SDS Prepared By Compliance and Regulatory Department

Phone No. 905-878-5544

Date of Preparation August 16, 2018

Additional Information We are committed to uphold the Industry Consumer Ingredient Communication Voluntary

Initiative.
Please send us your request by visiting our website at www.recochem.com.

Ingredients present (intentionally added ingredients) at a concentration of greater than one percent (1%) shall be listed in descending order of predominance. Ingredients present at a concentration of not more than one percent shall be listed but may be disclosed without respect to order of predominance.

Disclaimer

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Revision Number: 001.3 **Issue date:** 04/09/2018

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: Soft Scrub with Lemon

Recommended use of the chemical and restrictions on use: Cleansing Cream, Do not mix with other products.

Name, address and telephone number of the chemical manufacturer:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Telephone: For medical emergencies 1-833-359-6299 For transportation CHEMTREC: 1-800-424-9300
Internet: www.henkel-northamerica.com

2. HAZARDS IDENTIFICATION

The hazards described in this Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
EYE IRRITATION	2B

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: WARNING
Hazard Statement(s):
Causes eye irritation.

Symbol(s): None

Precautionary Statements:

Prevention: Wash thoroughly after handling.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.

Storage: Not prescribed
Disposal: Not prescribed

Hazards not otherwise classified: None known

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Limestone	1317-65-3	30 - 60 %

Benzenesulfonic acid, sodium salts	68081-81-2	5 - 10 %
Alcohols, C10-14, 8EO	66455-15-0	1 - 5 %
Sodium chloride	7647-14-5	1 - 5 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: Remove from exposure area to fresh air. Treat symptomatically and supportively.
Skin contact: Rinse affected area with large amounts of mild soap and water until no evidence of product remains. Get medical attention if irritation persists.
Eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Do not induce vomiting. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes). After skin contact: May cause mild transient irritation After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting. After inhalation: Inhalation of product mist may cause irritation of the nose, throat, and respiratory tract.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. After skin contact: Rinse affected area with large amounts of water until no evidence of product remains. After inhalation: Remove from exposure area to fresh air. After ingestion: Administer immediately plenty of water. With ingestion of larger quantities (in adults one tablespoon) or in the case of discomfort or pain seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

Oxides of carbon and oxides of nitrogen.

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Move containers from fire area if you can do it without risk. Avoid breathing hazardous vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

Environmental precautions

Small or household quantities may be disposed in sewer or other liquid waste system. For larger quantities check with your local disposal authorities.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes, on skin, on clothing Do not take internally. Keep the containers closed when not in use. Use with adequate ventilation. Avoid generating aerosols and mists.

Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Limestone	10 mg/m3 TWA Total dust.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Benzenesulfonic acid, sodium salts	None	None	None	None
Alcohols, C10-14, 8EO	None	None	None	None
Sodium chloride	None	None	None	None

Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: cream
white
Odor: lemon
Odor threshold: Not available.
pH: 10.5 - 12.0 (25 °C)
Melting point/ range: Not available.
Boiling point/range: Not available.
Flash point: Not available.
Evaporation rate: Not available.
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Solubility in water: Not available.
Partition coefficient (n-octanol/water): Not available.
Autoignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: 5,000 - 12,000 mPa.s
VOC content: Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product reacts with acids.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers, acids.

Hazardous decomposition products: Thermal decomposition may produce irritating smoke, carbon monoxide, and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Inhalation of product mist may cause irritation of the nose, throat, and respiratory tract.
Skin contact: Repeated or prolonged excessive exposure may cause irritation.
Eye contact: May cause moderate to severe irritation.
Ingestion: Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Physical/Chemical: The product is alkaline.

Other relevant toxicity information: This product is a household product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Limestone	None	Nuisance dust
Benzenesulfonic acid, sodium salts	None	No Target Organs
Alcohols, C10-14, 8EO	None	No Records
Sodium chloride	Oral LD50 (RAT) = 3,000 mg/kg	Irritant

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Limestone	No	No	No
Benzenesulfonic acid, sodium salts	No	No	No
Alcohols, C10-14, 8EO	No	No	No
Sodium chloride	No	No	No

Carcinogenicity None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).
Mutagenicity None of the ingredients in this product are known to cause mutagenicity.
Toxicity for reproduction None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts 68081-81-2	readily biodegradable, but failing 10-day window	aerobic	70 - 80 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Alcohols, C10-14, 8EO 66455-15-0	readily biodegradable	no data	> 60 %	OECD 301 A - F

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: Not regulated

Safe handling and disposal methods:

Recommended method of disposal: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of uncleaned packages: Place in trash.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)
Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)
Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)
Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification:	
CERCLA/SARA Section 302 EHS:	None above reporting de minimis.
CERCLA/SARA Section 311/312:	Not available.
CERCLA/SARA Section 313:	None above reporting de minimis.
California Proposition 65:	No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status:	Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: R&D Support Services

Issue date: 04/09/2018

COLGATE-PALMOLIVE COMPANY
SAFETY DATA SHEET

MURPHY OIL SOAP LIQUID ORIGINAL

This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Version	Revision Date:	SDS Number:	Date of last issue: 08/11/2021
1.4	03/23/2022	660000010906	Date of first issue: 04/05/2020

SECTION 1. IDENTIFICATION

Product name : MURPHY OIL SOAP LIQUID ORIGINAL
B02983950000

Product code : 200000060954

Manufacturer or supplier's details

Company name of supplier : Colgate-Palmolive Co
300 Park Avenue
New York, NY 10022

Telephone : US: Consumer Affairs - 1-800-468-6502

Emergency telephone number : For emergencies involving spill, leak, fire, exposure or accident call CHEMTREC (24hr) at (800) 424-9300 or (703) 527-3887.

Global-CHEMTREC- +1 703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : Wood Cleaner

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitisation : Category 1

GHS label elements

Hazard pictograms :

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements :

Prevention:

P261 Avoid breathing mist or vapours.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
GERANIOL	106-24-1	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water.

In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.

Notes to physician	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	No hazardous combustion products are known
Further information	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Neutralise with acid. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid

Colour : amber

pH : 10.50

Flash point : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	No data available
Incompatible materials	:	Not applicable

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute inhalation toxicity	:	Acute toxicity estimate: 61.01 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

Components:

GERANIOL:

Acute oral toxicity	:	LD50 (Rat): 3,600 mg/kg
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	LD50 (Rat): > 5,000 mg/kg Method: No information available.

Skin corrosion/irritation

Not classified based on available information.

Components:

GERANIOL:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Mild skin irritant

Serious eye damage/eye irritation

Not classified based on available information.

Components:

GERANIOL:

Species	:	Rabbit
Result	:	Eye irritation

Method : OECD Test Guideline 405

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : This product has not been tested as a whole. However, this formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 2 of the SDS.

SECTION 12. ECOLOGICAL INFORMATION

The product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Environmental Occupational Health and Safety group of Colgate-Palmolive and determined to have an acceptable environmental profile. This evaluation is based on available information on individual ingredients, interactions of ingredients, and similar ingredients. Biodegradability claims are supported by data on ingredients (i.e., surfactants are biodegradable).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

DOT :

Not regulated.

TDG :

Not regulated.

IATA :

Not regulated.

IMDG :

Not regulated.

IMDG EmS Number : Not applicable.

ADR :

Not regulated.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Respiratory or skin sensitisation

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

WATER	7732-18-5
TRISODIUM NITRILOTRIACETATE	5064-31-3
HYDROGEN PEROXIDE	7722-84-1

Pennsylvania Right To Know

WATER	7732-18-5

Sodium tallate	61790-45-2

The components of this product are reported in the following inventories:

TSCA : All ingredients in this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

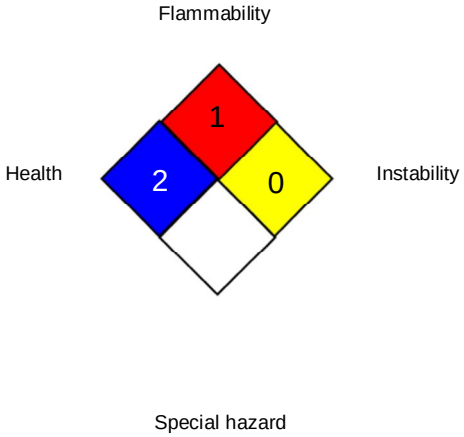
MURPHY OIL SOAP LIQUID ORIGINAL

This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

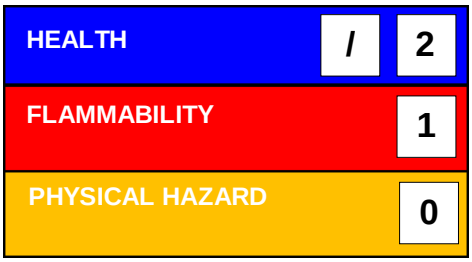
Version	Revision Date:	SDS Number:	Date of last issue: 08/11/2021
1.4	03/23/2022	660000010906	Date of first issue: 04/05/2020

Further information

NFPA 704:



HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Revision Date : 03/23/2022
US / EN

SAFETY DATA SHEET

1. Identification

Product identifier **Hercules Plumber's Caulk –Silicone White and Clear**

Other means of identification

Product code 7357E

Synonyms Part Numbers: White – 25676, Clear - 25686

Recommended use Caulk and sealant for use around tubs, sinks and other plumbing applications.

Recommended restrictions Do not us on applications where product will be submerged under water.

Manufacturer/Importer/Supplier/Distributor information

Company Name HCC Holdings, Inc. an Oatey Affiliate

Address 4700 West 160th Street
Cleveland, OH 44135

Telephone 216-267-7100

E-mail info@oatey.com

Transport Emergency Chemtrec 1-800-424-9300 (Outside the US 1-703-527-3887)

Emergency First Aid 1-877-740-5015

Contact person MSDS Coordinator

2. Hazard(s) identification

Physical hazards Not Classified.

Health hazards Skin Corrosion/Irritation Cat 2

OSHA defined hazards Not Classified.

Label elements

Hazard symbol

Signal word Warning

Hazard statement Causes Skin Irritation

Precautionary statement

Prevention Wear protective gloves. Wash hands thoroughly after handling.

Response IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.

Storage Not applicable.

Disposal Not applicable.

Hazard(s) not otherwise classified (HNOC) Generates acetic acid during cure. Uncured product is irritating to eyes, skin, and respiratory system. Generates acetic acid during cure.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Silanetriol, 1-methyl-, 1,1,1-triacetate	4253-34-3	1 - 5
Distillates (petroleum), hydrotreated middle	64742-46-7	10 - 30
Titanium Dioxide (White Sealant Only)	13463-67-7	0 – 5
Dimethyl siloxane, hydroxyl terminated	70131-67-8	70 - 90

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Ingestion	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Most important symptoms/effects, acute and delayed	Skin or eye irritation.
Indication of immediate medical attention and special treatment needed.	Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
General information	Note to physician, treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, CO2, alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media	water jet
Specific hazards arising from the chemical	No specific fire or explosion hazard.
Special protective equipment and precautions for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Fire fighting equipment/instructions	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Specific methods	None
General fire hazards	None

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Methods and materials for containment and cleaning up	Large Spills: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal. Small Spills: Move containers from spill area. Vacuum or sweep up material and place in a

designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

7. Handling and storage

Precautions for safe handling Put on appropriate personal protective equipment (see section 8 of SDS). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Petroleum Distillate	TWA	5 mg/m3

US OSHA Permissible Exposure Limits

Components	Type	Value
Petroleum Distillate	TWA	5 mg/m3

Biological limit values No Biological limits.

Appropriate engineering controls No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection

Hand Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Other Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Thermal hazards None.

General hygiene considerations Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Paste
Color	White or translucent.
Odor	Acetic acid/vinegar smell
Odor threshold	Not available.
pH	Not applicable.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not determined
Flash point	> 199 °F (> 93.3 °C)
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available
Flammability limit – upper (%)	Not available
Explosive limit - lower (%)	Not available
Explosive limit - upper (%)	Not available
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1.04 – 1.09
Solubility(ies)	
Solubility (water)	Not available
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity	Not available
Other information	
VOC (Weight %)	36 g/L (< 2.8% by weight)

10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	The product is stable.
Possibility of hazardous reaction	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	No specific data.
Incompatible materials	No specific data.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Acute Toxicity estimates: > 10 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation.
Skin contact	No known significant effects or critical hazards.
Eye contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Symptoms related to the physical, chemical and toxicological characteristics	Eye – Pain, irritation, watering Inhalation – No specific data. Skin Contact – Irritation, redness Ingestion – No specific data.

Information on likely routes of exposure
Acute Toxicity

Components	Species	Results
Product		
Skin	Rabbit	Moderate Irritant
Eyes	Rabbit	Mild Irritant

Skin corrosion/irritation Moderate Irritant.

Serious eye damage/eye irritation	Mild Irritant.
Respiratory or skin sensitization	
Respiratory sensitization	Not considered a respiratory irritant
Skin sensitization	This product is not expected to cause skin irritation.
Germ cell mutagenicity	No specific data
Carcinogenicity	Sufficient evidence of carcinogenicity in inhalation studies with animals for titanium dioxide exist. However, due to the titanium dioxide being inextricably bound in the silicone matrix, the likelihood of exposure is minimal.
IARC	Titanium Dioxide – 13463-67-7 Group 2B: Possibly carcinogenic to humans.
OSHA	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcino- gen by OSHA.
NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcino- gen by OSHA.
Reproductive toxicity	No known significant effects or critical hazards.
Specific target organ toxicity	
Single exposure	Contains Silanetriol, 1-methyl-, 1,1,1-triacetate. This is a Category 3, respiratory irritant.
Repeated exposure	
Aspiration Hazard	Contains Distillates (petroleum), hydrotreated – Which is a category 1 Aspiration Hazard. The likely hood of aspirating the product in this form is very low due to the high viscosity.
Chronic effects	Not Classified.
Further information	

12. Ecological information

Ecotoxicity

Product/ingredient name	Results	Species	Exposure
Petroleum Distillates			
	Acute LC50 2,900 µg/l Fresh water	Fish - Rainbow trout,Donaldson trout	96 h
	Acute LC50 2,200 µg/l Fresh water	Fish - Bluegill	96 h

Persistence and degradability	Not Available.
Bio accumulative potential	Not Available.
Mobility in soil	Not available.
Other adverse effects	No known significant effects of critical hazards.

13. Disposal considerations

Disposal instructions	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Local disposal regulations	Not Applicable
Hazardous waste code	Not Applicable

14. Transportation information

DOT	Not Regulated
UN number	
UN Proper Shipping Name	
Transportation Hazard	

classes	
Packing group	
IATA	Not Regulated
UN number	
UN Proper Shipping Name	
Transportation Hazard classes	
Packing group	
IMDG	Not Regulated
UN number	
UN Proper Shipping Name	
Transportation Hazard classes	
Packing group	
Environmental hazards	
Marine polluntant	

15. Regulatory information

U.S. Federal regulations

TSCA 12(b) - Chemical export notification: None required.
TSCA 5(a)2 - Final significant new use rules: Not listed
TSCA 5(a)2 - Proposed significant new use rules: Not listed
TSCA 5(e) - Substances consent order: Not listed

SARA 311/312

Classification Immediate (acute) health hazard,

US state regulations

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
.

Canada

WHMIS (Canada) Class D-2B: Material causing other toxic effects (Toxic).

International regulations

Country(s) or region	Inventory Name	On inventory list (yes/no)*
Canada	DSL/NDSL	Yes*
United States & Puerto Rico	Toxic Substances Control Act (TSCA 8b)	Yes

* At least one component is not listed in the DSL, but all such components are listed in the NDSL.

16. Other information, including date of preparation or last revision

Issue Date	12-May-2015
Revision Date	-
Version #	01
HMIS Rating	Health: 1 Flammability: 1 Physical Hazards: 0
Disclaimer	HCC Holdings Inc. an Oatey Affiliate cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

QUIKRETE®
CEMENT & CONCRETE PRODUCTS™

C9: Portland Cement Based Concrete Products

SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
5 Concourse Parkway, Suite 1900
Atlanta, GA 30328

Emergency Telephone Number
INFOTRAC (800) 535-5053
Information Telephone Number
(800) 292-5828

Revision: Feb-23
SDS C9

QUIKRETE® Product Name	Item #(s)
Pronto Mix (All Varieties)	1102-40
Sand (Topping) Mix	1103
Sand Mix – Type II	1103-88, NR83003
TileCrete™	1103-84
All Star Sand Mix	1123
Vinyl Concrete Patcher	1133, 1132, 1131-15
Bonded Topping Mix	1133-18, -04
Handicrete Sand Mix	1143
RiteMix Sand Mix	1173
Foundation Coating	1215
Deck Mud	1548-55, 15450, 15476
Powerlite	NR3004
Revetment - Rip Rap Burlap	NR83994
3:1 Sand/Cement - Burlap	NR83999
CDL 3000# OPC/MS/F	NR836495

Product Use: Portland cement-based, aggregated products for repairs and general construction

See most current revision of this document at www.QUIKRETE.com.

SECTION II - HAZARD IDENTIFICATION

Hazard-determining components of labeling: Silica, Portland cement
2.1 Classification of the substance or mixture
Carcinogen – Category 1A
Skin Corrosion – Category 1B
Skin Sensitization – Category 1B

Specific Target Organ Toxicity Repeat Exposure – Category 1
Specific Target Organ Toxicity: Single Exposure – Category 3
2.2a Signal word DANGER!

2.2b Hazard Statements
May cause cancer through chronic inhalation
Causes severe skin burns and serious eye damage
May cause an allergic skin reaction
Causes damage to lungs through prolonged or repeated inhalation
May cause respiratory irritation

2.2c Pictograms

2.2d Precautionary statements
Do not handle until all safety precautions have been read and understood.
Wear impervious gloves, such as nitrile. Wear eye protection, protective clothing and rubber boots.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Use only in a well-ventilated area.
Do not breathe dust.

If swallowed: Rinse mouth. Do NOT induce vomiting.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin (or hair): Remove immediately all contaminated clothing and wash before re-use. Rinse skin or hair with water.
If significant skin irritation or rash occurs: get medical advice or attention.

Immediately seek medical advice if symptoms are significant or persist.

Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/containers in accordance with all regulations.

2.3 Additional Information

The Portland cement in this product can cause serious, potentially irreversible damage to skin, eye, respiratory and digestive tracts due to chemical (caustic) burns, including third degree burns. Burns from Portland cement may not cause immediate pain or discomfort. You cannot rely on pain to alert you to cement burns. Therefore, precautions must be taken to prevent all contact with Portland cement. Cement burns can become worse even after contact has ended. If there is contact with this product, immediately remove all product from body and thoroughly rinse with water. If you experience or suspect a cement burn or inflammation you should immediately see a health care professional.

Skin burns and irritation may be caused by brief exposure, though often are caused by extended exposure of 15 minutes, an hour, or longer. Interaction of Portland cement with water or sweat releases a caustic solution which produces the burns or irritation. Any extended exposure should be treated as though a burn has occurred until determined otherwise.

Skin contact with Portland cement can also cause inflammation of the skin, referred to as dermatitis. Signs and symptoms of dermatitis can include itching, redness, swelling, blisters, scaling, and other changes in the normal condition of the skin. Signs and symptoms of burns include the above and whitening, yellowing, blackening, peeling or cracking of skin.

The Portland cement in this product may cause allergic contact dermatitis in sensitized individuals. This overreaction of the immune system can lead to severe inflammation. Sensitization may result from a single exposure to the low levels of Cr(VI) in Portland cement or repeated exposures over months or years. Sensitization is long lasting and, after sensitization, even very small quantities can trigger the dermatitis. Sensitization is uncommon. Individuals who experience skin problems, including seemingly minor ones, are advised to seek medical attention.

2.3a HNOC – Hazards not otherwise classified: Not applicable

2.3b Unknown Acute Toxicity: None

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS No.	% by Weight
Sand, Silica, Quartz	14808-60-7	40-70*
Portland Cement	65997 15 1	10-30*
Fly Ash	68131-74-8	0-10*

*The concentrations ranges are provided due to batch-to-batch variability.
None of the constituents of this material are of unknown toxicity.

SECTION IV – FIRST AID MEASURES

4.1 Description of the first-aid measures

General information:
After inhalation: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. In case of unconsciousness, place patient stably in side position for transportation.
After skin contact: Wash skin with cool water and pH-neutral soap or a mild detergent. If significant skin irritation or rash occurs: get medical advice or attention.
After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
After swallowing: Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed
Inhalation: May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation. This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.

Skin contact: The Portland cement in this product can cause serious, potentially irreversible damage to skin, eye, respiratory and digestive tracts due to chemical (caustic) burns, including third degree burns.
Burns from Portland cement may not cause immediate pain or discomfort. You cannot rely on pain to alert you to cement burns. Therefore precautions must be taken to prevent all contact with Portland cement. Cement burns can become worse even after contact has ended. If there is contact with this product, immediately remove all product from body and thoroughly rinse with water. If you experience or suspect a cement burn or inflammation you should immediately see a health care professional.

Skin burns and irritation may be caused by brief exposure, though often are caused by extended exposure of 15 minutes, an hour, or longer. Interaction of Portland cement with water or sweat releases a caustic solution which produces the burns or irritation. Any extended exposure should be treated as though a burn has occurred until determined otherwise.

Skin contact with Portland cement can also cause inflammation of the skin, referred to as dermatitis. Signs and symptoms of dermatitis can include itching, redness, swelling, blisters, scaling, and other changes in the normal condition of the skin. Signs and symptoms of burns include the above and whitening, yellowing, blackening, peeling or cracking of skin.

The Portland cement in this product may cause allergic contact dermatitis in sensitized individuals. This overreaction of the immune system can lead to severe inflammation. Sensitization may result from a single exposure to the low levels of Cr(VI) in Portland cement or repeated exposures over months or years. Sensitization is long lasting and, after sensitization, even very small quantities can

trigger the dermatitis. Sensitization is uncommon. Individuals who experience skin problems, including seemingly minor ones, are advised to seek medical attention.

Eye Contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Ingestion: May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

4.3 Indication of immediate medical attention and special treatment needed:
Immediately seek medical advice if symptoms are significant or persist.

SECTION V - FIRE FIGHTING MEASURES

5.1 Flammability of the Product: Non-flammable and non-combustible
5.2 Suitable extinguishing agents: Treat for surrounding material
5.3 Special hazards arising from the substance or mixture: None
5.3a Products of Combustion: None
5.3b Explosion Hazards in Presence of Various Substances: Non-explosive in presence of shocks

SECTION VI – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Wear personal protective equipment (See section VIII). Keep unprotected persons away.

6.2 Methods and material for containment and cleaning up:
Do not allow to enter sewers/ surface or ground water. Dispose of unwanted materials and containers properly in accordance with all regulations.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

7.1 Handling
Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. DO NOT BREATHE DUST. In dusty environments, the use of an OSHA, MSHA or NIOSH approved respirator and tight fitting goggles is recommended. Wear appropriate PPE (See section 8).Do not mix with other chemical products, except as indicated by the manufacturer. Do not get in eyes, on skin or clothing. Good housekeeping is important to prevent accumulation of dust.

7.2 Storage
Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep out of the reach of children. Keep container tightly closed and prevent exposure to humidity. Do not allow water to contact the product until time of use to preserve product utility.

SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION

8.1 Components with limit values that require monitoring at the workplace:

Hazardous Components	CAS No.	PEL (OSHA) mg/M^3	TLV (ACGIH) mg/M^3
Silica Sand, crystalline	14808-60-7	0.05	0.025 (resp)
Portland Cement	65997-15-1	5 (resp) 15 (total)	10 (resp)
Fly Ash	68131-74-8	N/A	N/A

8.2 Exposure Controls
Use ventilation adequate to keep exposures below recommended exposure limits.

8.3 General protective and hygienic measures
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

8.3a Personal protective equipment
Protection of hands and feet:
Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact. Wear rubber boots when stepping in concrete. You cannot rely on pain to alert you to cement burns. Portland cement can cause dermatitis or sensitization.

Eye protection:
Wear approved eye protection (properly fitted dust- or splash-proof chemical safety glasses.

Respiratory protection:
A NIOSH-approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional, following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

General Information
Appearance Form: Granular Solid

	Color: Gray to gray-brown colored
	Odor: None
pH-value at 20°C (68 °F):	13 (10%)
Boiling point/Boiling range:	Not applicable
Flash point:	Not applicable
Auto igniting:	Product is not self-igniting
Vapor pressure at 21°C (70°F)	Not available
Density at 25°C (77 °F):	2.6 to 3.15
Solubility in / Miscibility with Water:	Insoluble
VOC content:	0 g/L VOC

SECTION X – STABILITY AND REACTIVITY

10.1 Reactivity
No dangerous reaction known under conditions of normal use.
10.2 Chemical stability
Stable under normal storage conditions. Keep in dry storage.
10.3 Possibility of hazardous reaction
No dangerous reaction known under conditions of normal use.
10.4 Thermal decomposition / conditions to be avoided
No decomposition if used according to specifications.
10.5 Incompatible materials
Contact of silica with powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide, or oxygen difluoride may cause fires
10.6 Hazardous Decomposition or By-products
Silica will dissolve in Hydrofluoric Acid and produce a corrosive gas – silicon tetrafluoride.

SECTION XI – TOXICOLOGICAL INFORMATION

11.1 Exposure Routes: Skin contact, skin adsorption, eye contact, inhalation, or ingestion.

11.2 Symptoms related to physical/chemical/toxicological characteristics:

Inhalation: May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.

Skin contact: Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause sensitization by skin contact. Product becomes extremely alkaline when exposed to moisture, and can cause alkali burns and affect the mucous membranes.

Eye Contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Ingestion: Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

11.3 Delayed, immediate and chronic effects of short-term and long-term exposure

Short Term

Skin Corrosion/Irritation: Causes severe skin burns.
Serious Eye Damage/Irritation: Causes severe eye damage.
Respiratory Sensitization: Not available
Skin Sensitization: May cause an allergic skin reaction.
Specific Target Organ Toxicity-Single Exposure: (Category 3) May cause respiratory irritation.
Aspiration Hazard: Not available

Long Term

Carcinogenicity: May cause cancer through chronic inhalation.
Germ Cell Mutagenicity: Not available
Reproductive Toxicity: Not available
Specific Target Organ Toxicity- Repeated Exposure: (Category 1) Causes damage to lungs through prolonged/repeated exposure
Synergistic/Antagonistic Effects: Not available.

SECTION XII – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

May cause long-term adverse effects to the aquatic environment. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Other Adverse Effects

No further relevant information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method
The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302). Disposal must be made in accordance with local, state and federal regulations.

13.2 Other disposal considerations
Uncleaned packaging
Recommendation: Disposal must be made in accordance with local, state and federal regulations.
Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION XIV – TRANSPORT INFORMATION

	DOT (U.S.)	TDG (Canada)
UN-Number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated
Transport Hazard Class(es)	Not Regulated	Not Regulated
Packing Group (if applicable)	Not Regulated	Not Regulated

14.1 Environmental hazards:
Not Available

14.2 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code
Not available

14.3 Special precautions for user
Do not handle until all safety precautions have been read and understood.

SECTION XV – OTHER REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

Canada
WHMIS Classification: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

15.2 US Federal Information

SARA 302/311/312/313 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312 or 313.
RCRA: Crystalline silica (quartz) is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.
CERCLA: Crystalline silica (quartz) is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.
Emergency Planning and Community Right to Know Act (SARA Title III): Crystalline silica (quartz) is not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.
FDA: Silica is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3)(xxvi).
NTP: Respirable crystalline silica, primarily quartz dusts occurring in industrial and occupational settings, is classified as Known to be a Human Carcinogen.
OSHA Carcinogen: Crystalline silica (quartz) is not listed.

15.3 State Right to Know Laws

California Prop. 65 Components

WARNING: This product can expose you to chemicals including crystalline silica which is known to the State of California to cause cancer and Portland cement which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
California Inhalation Reference Exposure Level (REL): California established a chronic REL of 3 µg for silica (crystalline, respirable). A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.
Massachusetts Toxic Use Reduction Act: Silica, crystalline (respirable size, <10 microns) is “toxic” for purposes of the Massachusetts Toxic Use Reduction Act.

15.4 Global Inventories

DSL All components of this product are on the Canadian DSL list.
TSCA No.: Crystalline silica (quartz) appears on the EPA TSCA inventory under the CAS No. 14808-60-7. All constituents are listed in the TSCA inventory.

SECTION XVI – OTHER INFORMATION

Last Updated: February 10, 2023

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by The QUIKRETE Companies, LLC

End of SDS