GALLAGHER BASSETT | TECHNICAL SERVICES

PERIODIC REVIEW REPORT

Parkview Commons Site

871 Elton Avenue

(formerly known as 436 East 161st Street)

Borough of Bronx, New York

NYSDEC BCP Site: C203014

January 6, 2026

GBTS Project: 21003-0155

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PERIODIC REVIEW REPORT

January 6, 2026
GBTS Project: 21003-0155

Prepared By:	Prepared For:
Gallagher Bassett Technical Services **22 IBM Road, Suite 101** **Poughkeepsie, New York 12601**	**BX Parkview Associates, LLC** **754 Melrose Avenue** **Bronx, New York 10451**

The undersigned has reviewed this Annual Site Management Report and certifies to BX Parkview Associates, LLC and to the New York State Department of Environmental Conservation (NYSDEC) that the information provided in this document is accurate as of the date of issuance by this office.

The undersigned is a Qualified Environmental Professional (QEP) as defined by 6 NYCRR Part 375-1.2 (ak) and supporting documents. The undersigned possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presence of releases or threatened releases to the surface or subsurface of the site or off-site areas, sufficient to meet the objectives and performance factors for the areas of practice identified in NYSDEC guidance document DER-10.

I, Daniel Bellucci, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Periodic Review Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications. For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

(a) the institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by DER;

(b) nothing has occurred that would impair the ability of such control to protect public health and the environment;

(c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;

(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control

Daniel Bellucci, PE Daniel Bellucci January 6, 2026

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ATTACHMENTS

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1.0 INTRODUCTION

1.1 Purpose

This Periodic Review Report (Report, PRR) details site management activities at the Parkview Commons Site ("Site") from January 3, 2023 to October 31, 2025, which entered the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) in May 2004 (BCP ID: C203014). The Site is located at 871 Elton Avenue (formerly known as 436 East 161st Street), Borough of Bronx, New York City, New York.

1.2 Site Description

The Site is an irregularly shaped 0.67-acre parcel with 150 feet of frontage on the southern side of East 161st Street, 164 feet of frontage on the western side of Elton Avenue, and 200 feet of frontage on the northern side of East 160th Street. The Site contains a nine-story, mixed-use (residential and commercial) structure. A Site Location Map and a Selected Site Features Map are included as Figures 1 and 2 respectively.

2.0 BACKGROUND

2.1 Site History

A Phase I Environmental Site Assessment (ESA) prepared by Ecosystems Strategies (ESI) in May 2003 indicated that the northeastern portion of the Site contained a gasoline filling station and automotive repair garage from 1951 until at least 1979 (structures were demolished in 2004). Several single-family residences, mixed residential and commercial structures, and multi-family residences were present from the late 1800s until the late 1990s. The Site was re-developed with the current building in 2005/2006.

2.2 Prior Investigations and Remediation Activities

2.2.1 Prior Investigations

A Phase II Environmental Site Assessment and Draft Remedial Action Work Plan (issued by ESI in October 2004) documented the advancement of soil borings, excavation of test pits, and the results of a geophysical survey. Low-level petroleum contamination was identified in the vicinity of multiple underground storage tanks (USTs) and spill number 0407340 was reported to NYSDEC. A Tank Closure Site Assessment and Spill Closure Report (TCSA; issued by ESI in January 2005) documented the removal of ten 550-gallon USTs from the Site. Based on an absence of significant residual petroleum contamination in endpoint samples, and the likely future development scenario (which included the building footprint as a proposed cap), the spill file was closed on January 26, 2005.

A Remedial Investigation Report and Remedial Action Work Plan (RIR/RAWP; issued by ESI in February 2005) identified elevated levels of polycyclic aromatic hydrocarbons (PAHs) in test pits excavated in the southwestern portion of the Site (consistent with previous characterizations of on-site fill material). Soil vapor samples collected throughout the Site indicated the presence of elevated levels of volatile organic compounds (VOCs), including gasoline related compounds and chlorinated solvents.

2.2.2 Remediation Activities

On-site remediation was conducted between April 2005 and January 2006 in accordance with the NYSDEC-approved RAWP issued by ESI in February 2005. The following activities were conducted as part of the implementation of the NYSDEC approved RIR/RAWP:

- Excavation and off-site disposal of contaminated soils, including soils containing chlorinated pesticides. Post-excavation sampling documented levels of pesticides below Part 375 Soil Cleanup Objectives (SCOs), with the exception of one sample located along 160th Street, which represented soils that are at or under the roadway.
- Excavation and off-site disposal of fill material, including regulated waste based on elevated concentrations of PAHs and metals. Soils with elevated PAHs and metals remain under the building and parking area.
- Installation of a barrier layer consisting of certified clean soil and pavement. A demarcation layer, consisting of black, porous filter fabric, was installed under the imported soil. An asphalt barrier was installed on the southwestern portion of the Site (see Figure 2).
- Installation and testing of a vapor extraction system (VES) for the building, consisting of an active sub-slab depressurization system (SSDS) beneath the building connected to rooftop fans[1]. Air quality testing from the rooftop discharge points confirmed that low levels of VOCs were accumulating under the slab and being vented above the roofline.
- Installation of monitoring wells to document on-going groundwater quality.

Completed remedial activities and response actions are documented in the Final Engineering Report of Remedial Services (FER; issued by ESI in February 2006 [revised March 2006]). A Site Management Plan (SMP; issued by ESI in October 2006) was developed for long-term

1 The building was constructed with perforated 4" PVC piping under the foundation connected to three roof-top fans, to intercept sub-slab vapors and prevent potential migration of petroleum vapors into the structure. Although more properly described as a SSDS (since effluent is not treated), the SMP designates this feature as a "sub-slab vapor extraction system" (VES); for the purpose of this Report, therefore, the system will continue to be described as a VES consistent with the SMP terminology.

management of remaining contamination. Engineering Controls (ECs) and Institutional Controls (ICs) are described in Sections 2.3 and 2.4, respectively.

2.3 Corrective Measures

Due to deficiencies encountered with the SVES during the 2024 PRR inspection, the NYSDEC requested that a Corrective Measures Work Plan (CMWP) be prepared to address the issues. GBTS submitted a Draft CMWP on May 16, 2024 and following a Site inspection with the NYSDEC and remedial engineer, an updated Draft CMWP was submitted on October 17, 2024.

A NYSDEC letter, dated December 31, 2024, provided comments on the Draft CMWP and requested an indoor air sampling work plan be submitted to verify whether soil vapor intrusion (SVI) conditions were present considering the SVES servicing the southern wing was off-line. The NYSDEC indicated that two rounds of indoor air sampling would be required and that the CMWP would not be approved until the results from the first round were reviewed. GBTS submitted an Indoor Air Sampling Work Plan (IASWP) on February 21, 2025 indicating the first round of sampling would occur during the 2024-2025 heating season and the second round would occur after the CMWP scope was completed. The NYSDEC approved the IASWP plan on February 25, 2025.

GBTS completed the first round of indoor air sampling in March 2025 and a Letter Report of Indoor Air sampling was submitted to the NYSDEC on April 21, 2025. The findings of that report indicated that laboratory data were not consistent with vapor intrusion from a significant sub-slab source area and were likely to be attributable to VOC interference from building activities, stored materials, and poor-quality air in the vicinity of the Site. The April 2025 Letter Report of Indoor Air Sampling is provided as Appendix B. The result from the second round of indoor air sampling are presented in Section 2.3.1, below.

Following submission of the April 2025 Letter Report of Indoor Air Sampling, the NYSDEC approved the CMWP on April 4, 2025. The CMWP is provided in Appendix A.

The CMWP was implemented between May 23, 2025 and August 7, 2025. Obar Systems Inc. (Obar), a company specializing in vapor mitigation systems, was retained to perform repairs in accordance with the NYSDEC-approved CMWP. System blowers, audible alarms and visual gauges were updated as follows:

- Obar GBR89 blower installed at VP-1;
- Obar GBR76 SOE blowers installed at VP-2 and VP-3;
- Combination Obar GBR25 audible alarm and visual gauge units installed at all three risers with the following system thresholds: VP-1 will alarm if pressure drops below 1 inch of water column (in w.c.); VP-2 will alarm if pressure drops below 0.02 in w.c., and

VP-3 will alarm if the blower is powered off [note: because the VP-3 riser could not be located within the wall of a lower floor, a typical combination alarm/gauge unit installation was not feasible. A pressure switch was installed on the riser directly on the roof and the telemetry portal (see below) was linked to the pressure switch which will alert upon detecting that the blower has shut down];

- A telemetry unit was installed to provide remote alerting and system monitoring capabilities, with all notifications sent to GBTS personnel; and,
- All electrical connections were updated.

2.3.1 – Second Round of Indoor Air Sampling

GBTS completed the second round of indoor air sampling on August 7, 2025, immediately following completion of the CMWP scope, in order to verify the efficacy of system repairs. The fieldwork was performed in conformance with protocols set forth in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006) and subsequent updates. All field personnel wore dedicated, disposable gloves during relevant fieldwork activities.

Pre-Sampling Building Inspection

A pre-sampling building inspection was conducted. The inspection consisted of a visual assessment of the sample areas to note physical conditions relevant to the sampling and to identify any on-Site activities and/or materials that may interfere with the sampling (e.g., the presence of materials that contain VOCs). A photoionization detector (PID) was used to screen indoor air.

Potential sources of VOC interference in the partial cellar included paint products and miscellaneous maintenance materials, including latex paint, spray paint cans, containers of floor enamel, miscellaneous adhesives, cleaning and pest control products, and air fresheners. The Site superintendent also frequently sprays all common areas with Gardeo®, which is a disinfectant and odor eliminator. Ambient PID readings at the cellar were generally 0.2 parts per million (ppm) to 0.6 ppm. Potential sources of VOC interference noted on the first floor included household cleaning supplies and disinfectant wipes at the community room and moth balls throughout the first floor; ambient PID readings at the first floor were 0.2 ppm, except near the moth balls where maximum PID readings were 25.8 ppm.

A copy of the Structure Sampling Building Questionnaire and Product Inventory form is provided as Appendix C.

Sample Collection

Indoor air was collected from commons areas on the first floor as follows: IA-01 in the southern hallway; IA-02 in the central wing community room; and, IA-03 in a stairwell on the north wing. IA-04 was collected from the centrally located common hallway at the partial cellar, which is situated beneath the central wing only. One exterior sample (OA-01) was collected for comparison purposes to assess ambient outdoor air quality in the vicinity of the building. The IA-03 sample location was the only one that did not coincide with the April 2025 sampling location due to access issues. The samples were collected into 6-liter Summa canisters (equipped with 24-hour flow controllers) placed on August 7 and retrieved on August 8, 2025. The samples were transported via courier to York Analytical Laboratories, a NYSDOH-certified laboratory (ELAP Certification Number 10854) for chemical analysis. Appropriate chain-of-custody procedures were followed.

Laboratory Analysis

The NYSDOH has developed several air guideline values (AGVs) for concentrations of chemicals in indoor air, including PCE, TCE, and methylene chloride. The objective of comparing indoor data to AGVs is to provide guidance on decisions relevant to preventing the risk of exposure to these compounds. Where no AGVs are established, the NYSDOH uses USEPA air quality data (background levels), along with other similar database sources, when assessing indoor air quality. The 90th percentile contaminant concentrations contained in the USEPA 2001: Building Assessment and Survey Evaluation (BASE) database were used, where appropriate, as initial benchmarks to evaluate indoor air quality data.

Laboratory Results

A summary of the results of the laboratory analyses is presented below. A data summary table is attached, and the laboratory report is provided as Appendix D.

The August 2025 laboratory did not document VOCs in concentrations above NYSDOH AGVs. Three compounds were detected above the 90th percentile contaminant concentrations as established in the BASE database (maximum values noted), including 1,4-dichlorobenzene (IA-03, 9.7 µg/m³, BASE 5.5 µg/m³), chloroform (IA-04, 3.3 µg/m³, BASE 1.1 µg/m³), and ethyl acetate (IA-02, 14 µg/m³, BASE 5.4 µg/m³). Significant decreases in acetone (max value 39 µg/m³ at IA-02) and isopropanol (max value 100 µg/m³ at IA-04) were observed. Other than the slight increase in chloroform levels at IA-04, all other contaminants detected above their respective BASE values decreased from the March 2025 sampling event. Twenty VOCs detected in the indoor air samples were also reported in the outdoor ambient air sample with seventeen of these VOCs (75%) reported at lower or similar levels compared to outdoor air. Laboratory data indicates that the repairs were successful and the SSDS is effectively mitigating vapor exposure.

Summary data tables are attached, and laboratory reports are provided in Appendix D.

Conclusions

The indoor and outdoor air samples did not document VOCs in concentrations above NYSDOH AGVs. Three VOCs were detected at levels exceeding the 90th percentile contaminant concentrations as presented in the BASE database. Potential sources of VOC interference noted at the first floor include household cleaning supplies, disinfectant wipes and moth balls. Potential sources of VOC interference at the partial cellar include storage areas containing paints, cleaners, and miscellaneous building maintenance supplies.

Laboratory data are not consistent with vapor intrusion from a significant sub-slab source area and are likely to be due to VOC interference from building activities and poor-quality air in the vicinity of the Site. These findings support the conclusion that the SVES are preventing vapor intrusion.

2.4 Engineering Controls (ECs)

ECs have been put into place in order to manage contamination remaining at the Site after remedial activities. These ECs consist of a sub-slab VES and a barrier layer, and formerly included groundwater monitoring wells.

2.4.1 Groundwater Monitoring

Groundwater monitoring was conducted at the Site between November 2006 and November 2008. NYSDEC approved the closure of on-site wells on December 17, 2008 due to the absence of field evidence of contamination and significant dissolved contamination in groundwater. ESI closed these monitoring wells on February 16, 2009 in accordance with NYSDEC's Groundwater Monitoring Well Decommissioning Procedure.

2.4.2 Sub-slab Vapor Extraction System and Barrier Layer

A barrier layer, which consists of asphalt parking area, impervious concrete sidewalks/walkways, concrete building slab, and imported clean soil cover, was installed to prevent contact with remaining subsurface soils. The SVES and the barrier layer are inspected annually in accordance with the SMP. SVES repairs, including installation of new monitoring points and a fan at VP-3, were performed in 2016. In March 2025, the SVES was modified and repaired in accordance with a NYSDEC approved CMWP (see Section 2.3, above).

Bi-Weekly Inspections of the Vapor Extraction System

Bi-weekly inspections of the VES have been instituted at the Site per the request of the NYSDEC and have been performed by the building superintendent since August 31, 2009. Due to a change in the building superintendent during the 2023-2024 reporting period and deficiencies with monitoring components of the SVE, inspections were not occurring during the 2023 to 2024 or 2024-2025 reporting period. Inspections of the SVES resumed in August 2025 after the CMWP scope was completed and the blowers were re-energized. During the annual inspection

Site personnel were reminded on how to take correct measurements from the visual gauges. Site personnel were provided with Inspection Log Sheets and instructed that readings need to be collected on a bi-weekly basis.

Annual Inspection of the Vapor Extraction System and Barrier Layer

GBTS conducted the annual inspection of the VES and barrier layer on August 7, 2025. This inspection included the visual observation of the VES (fans and associated piping) and barrier layer (building slab, sidewalks, parking and landscaped areas), and the collection of vacuum measurements from vapor extraction monitoring points (VEMPs) and visual gauges. All fans were observed to be operational during the site inspection.

Table 1 (below) reports vacuum measurements collected at VEMPs during the inspection. All recorded readings demonstrate adequate depressurization underneath the building slab. Figure 3 depicts the location of the VEMPs. Pressure testing data are included in Table 1, below.

Table 1: Sub-Slab Monitoring Points Vacuum Measurements
All measurements are indicated in inch water column (in. w.c.).

Monitoring Points	Location in Building	Vacuum Measurement (in. w.c.).
VEMP-1R	Northwest	-0.017
VEMP-2	Northeast	-0.023
VEMP-3R	Southwest	-0.073
VEMP-4	Southeast	-0.070

GBTS recorded readings from previously installed visual gauges, which provide visual indicators of active vacuum, at vertical pipes. Vacuum readings of the digital gauges at VP-1 and VP-2 were recorded as -4.09 in. w.c. and -0.534 in. w.c., respectively, and readings of the gauge at VP-3 (on the roof) were recorded as -0.6 in. w.c.; these indicate that the VES is working properly.

The Inspection/Monitoring Checklist is provided in Appendix E. Site inspection photographs are presented in Appendix F.

2.5 Institutional Controls (ICs)

ICs at the Site include: prohibition of vegetable gardens, groundwater treatment (if the groundwater is planned for use), performance of groundwater monitoring in accordance with the approved SMP, and notification to the NYSDEC if changes in Site use are proposed.

The Site was observed to be a mixed-use (commercial and residential property) during the annual inspection. Groundwater is not in use at the Site at this time and no gardens are present. The institutional controls continue to be implemented, with the exception of groundwater monitoring, which was discontinued with the approval of NYSDEC (see Section 2.3.1, above), and are effective for protecting human health and the environment.

The Engineering Controls and Institutional Control Certification Forms are provided in Appendix G.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Visual inspection of the VES and barrier layer confirm that the engineering controls at the Site are working properly. Visual gauge and manometer readings indicate that sufficient vacuum exists under the concrete slab and that the VES is functioning adequately. Laboratory data indicates that the SVES is effectively mitigating vapor intrusion.

The services summarized in this Report were conducted in accordance with the approved NYSDEC Brownfields Program SMP and are considered by GBTS and the Remedial Engineer to satisfy the requirements set forth in the SMP. The next report will be submitted in October 2026. The SMP will be revised to reflect the improvements made to Site engineering controls. The revised SMP will be submitted within 30 days of approval of the PRR.

FIGURES

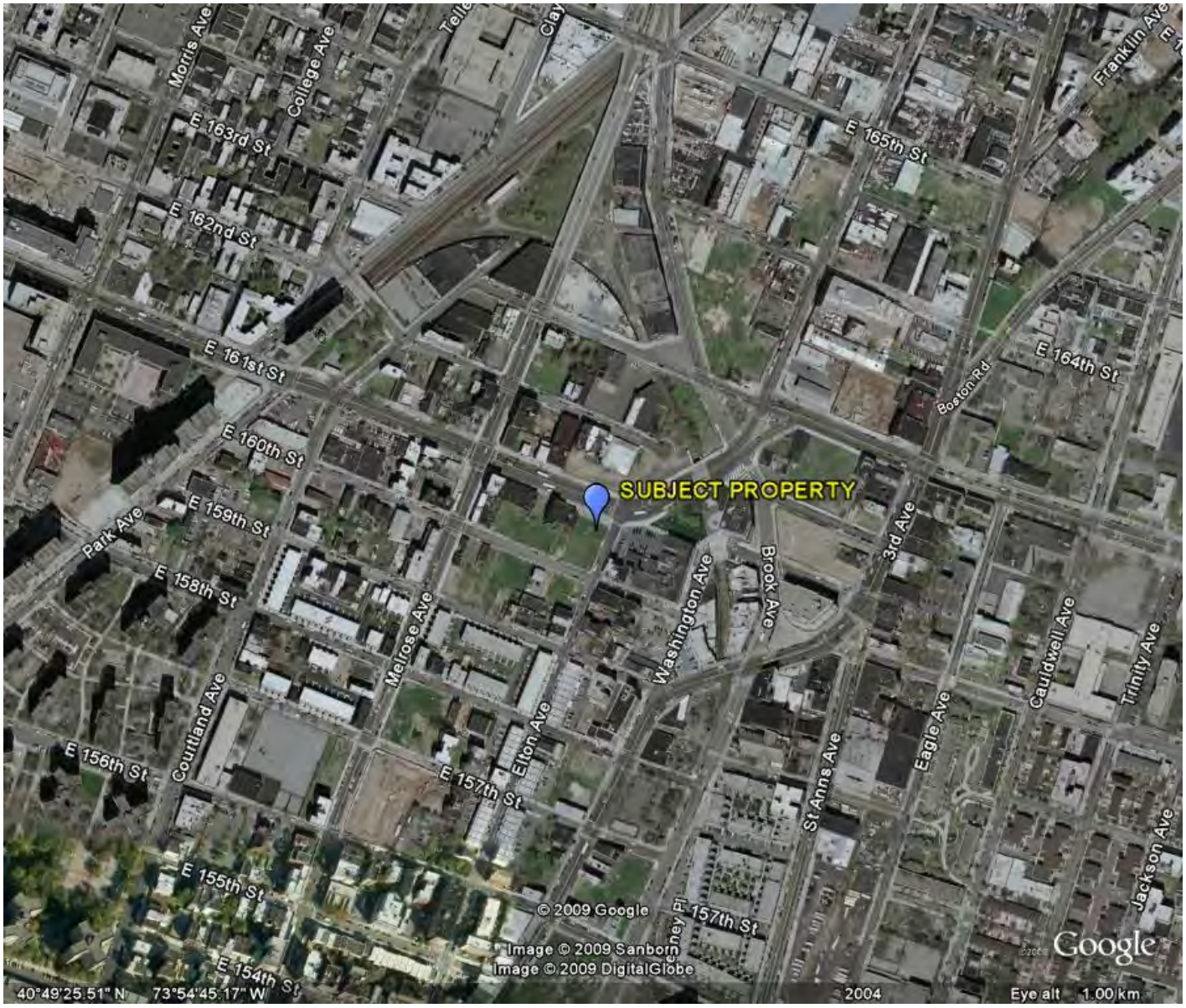

Figure 1: Site Location Map

Parkview Commons Site
871 Elton Avenue
Borough of Bronx, New York

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File: 21003-0155

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Figures

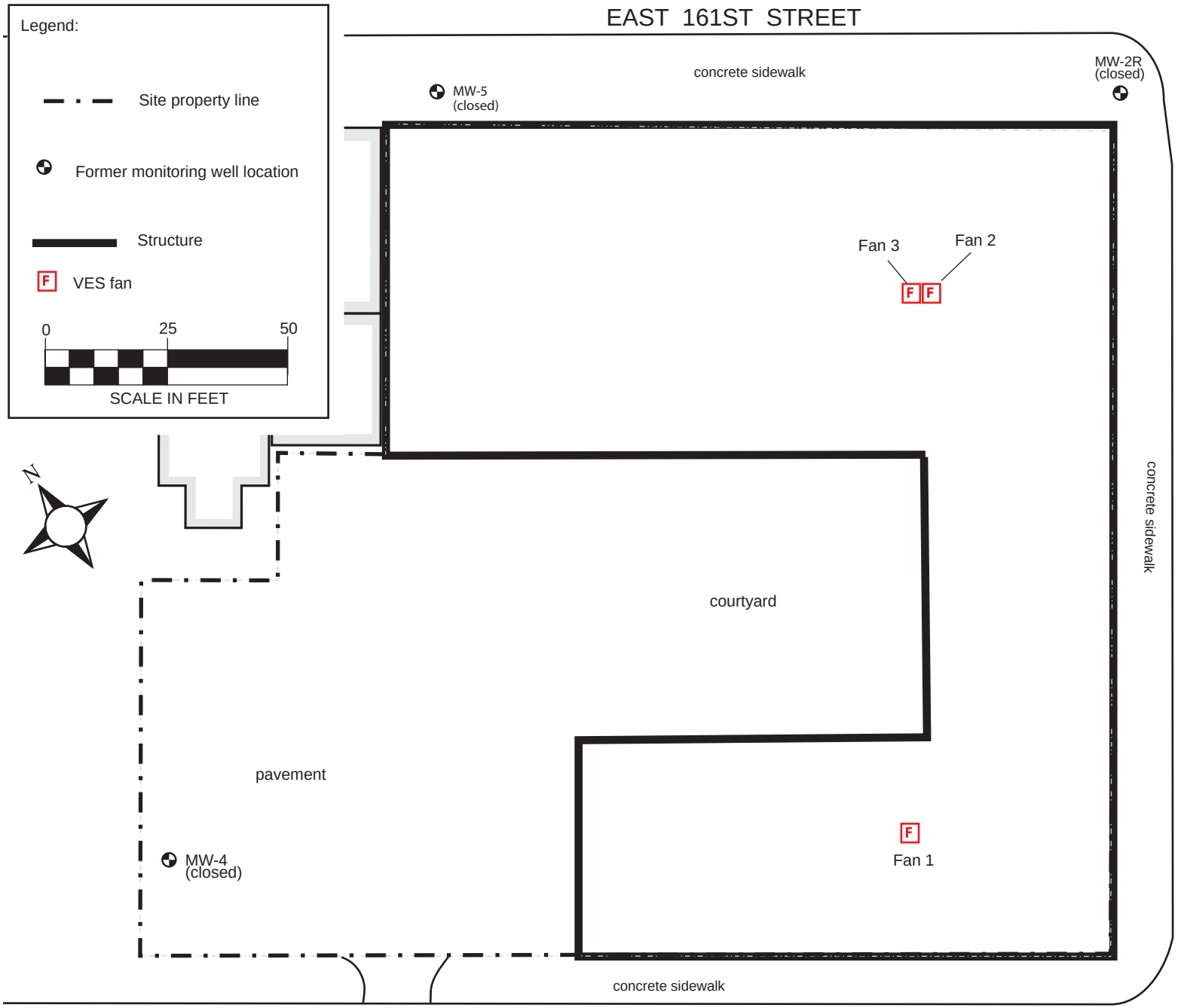

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Figure 2: Selected Site Features Map

Parkview Commons Site
located at
871 Elton Avenue
Borough of Bronx
Bronx County, New York

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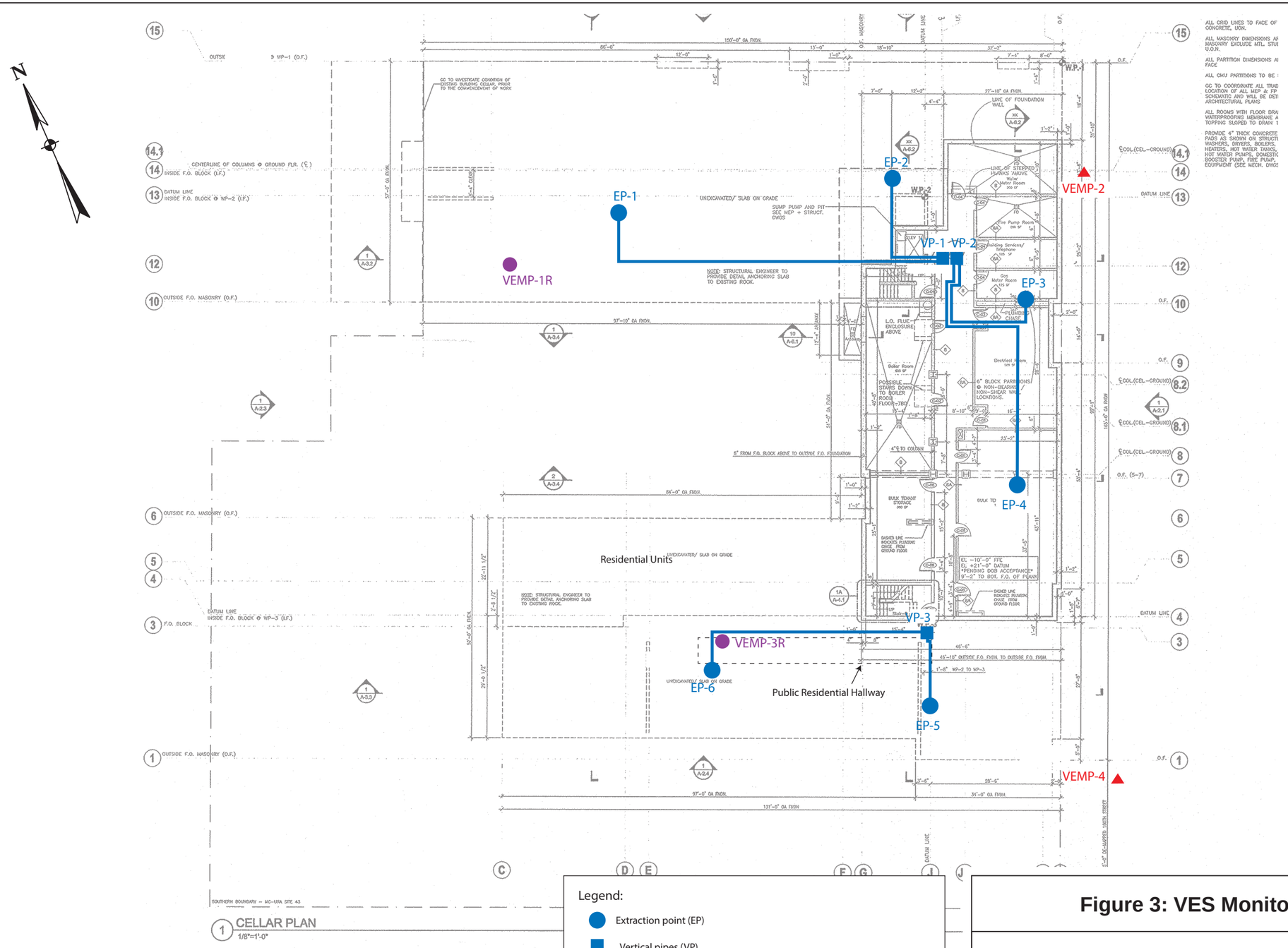
Figures



Legend:

- Extraction point (EP)
- Vertical pipes (VP)
- Vapor extraction monitoring point (VEMP)
- Connecting pipes
- Replacement vapor extraction monitoring points (VEMPs)

Note: To be used to install vapor extraction monitoring points only. For all other details, use other applicable drawings.
Source: Map based on Magnusson Architecture & Planning PC - Cellar Construction Plan Drawing #A-1.1

Figure 3: VES Monitoring Point Locations

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871 Elton Avenue
Borough of Bronx
Bronx County, New York

File: 21003-0155

Not to scale

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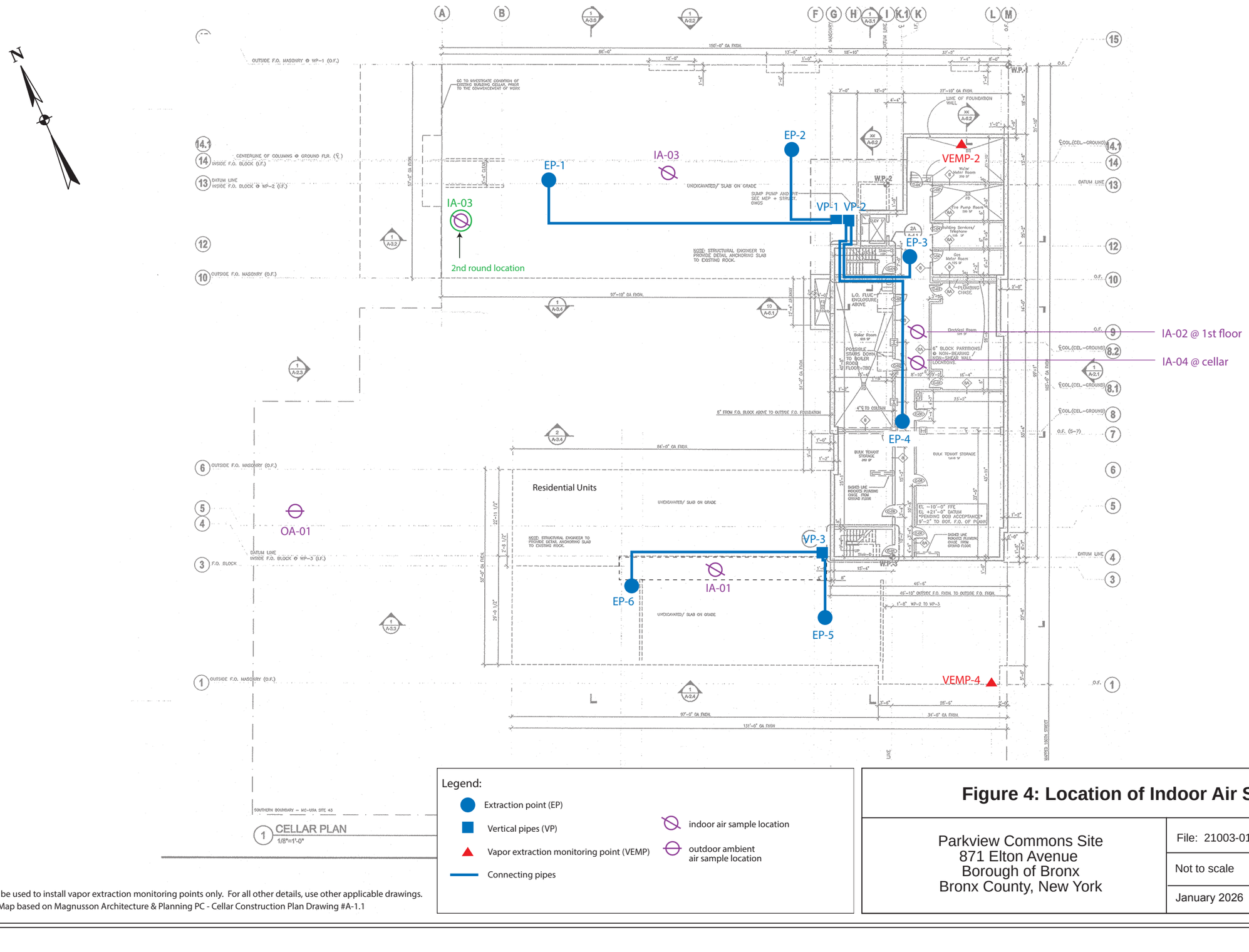

Legend:

- Extraction point (EP)
- Vertical pipes (VP)
- Vapor extraction monitoring point (VEMP)
- Connecting pipes
- indoor air sample location
- outdoor ambient air sample location

Note: To be used to install vapor extraction monitoring points only. For all other details, use other applicable drawings.
Source: Map based on Magnusson Architecture & Planning PC - Cellar Construction Plan Drawing #A-1.1

Figure 4: Location of Indoor Air Samples

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Bronx County, New York

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Not to scale

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TABLES

Table 2: 2025 SVI Study - VOCs in Soil Vapor

NYSDEC Project Number: C203014

GBTS Project: 21003-0155

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Sample ID	IA-01		IA-02		IA-03		IA-04		OA-01	
All data in µg/m³ Sample Date	2025-08-08		2025-08-08		2025-08-08		2025-08-08		2025-08-08	
U= Not Detected ≥ value Dilution Factor	0.983		0.988		0.999		0.997		1.811	
VOCs, TO-15	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
1,1,1,2-tetrachloroethane	0.67	*U*	0.68	*U*	0.69	*U*	0.68	*U*	1.2	*U*
1,1,1-trichloroethane (TCA)	0.54	*U*	0.54	*U*	0.55	*U*	0.54	*U*	0.99	*U*
1,1,2,2-tetrachloroethane	0.67	*U*	0.68	*U*	0.69	*U*	0.68	*U*	1.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	0.75	*U*	0.76	*U*	0.77	*U*	0.76	*U*	1.4	*U*
1,1,2-trichloroethane	0.54	*U*	0.54	*U*	0.55	*U*	0.54	*U*	0.99	*U*
1,1-dichloroethane	0.4	*U*	0.4	*U*	0.4	*U*	0.4	*U*	0.73	*U*
1,1-dichloroethene (1,1-DCE)	0.39	*U*	0.39	*U*	0.4	*U*	0.4	*U*	0.72	*U*
1,2,4-trichlorobenzene	0.73	*U*	0.73	*U*	0.74	*U*	0.74	*U*	1.3	*U*
1,2,4-trimethylbenzene	0.72	*D*	1.9	*D*	0.54	*D*	1.3	*D*	0.98	*D*
1,2-dibromoethane	0.76	*U*	0.76	*U*	0.77	*U*	0.77	*U*	1.4	*U*
1,2-dichlorobenzene	0.59	*U*	0.59	*U*	0.6	*U*	0.6	*U*	1.1	*U*
1,2-dichloroethane	0.4	*U*	0.4	*U*	0.4	*U*	0.4	*U*	0.73	*U*
1,2-dichloropropane	0.45	*U*	0.46	*U*	0.46	*U*	0.46	*U*	0.84	*U*
1,2-dichlorotetrafluoroethane	0.69	*U*	0.69	*U*	0.7	*U*	0.7	*U*	1.3	*U*
1,3,5-trimethylbenzene	0.48	*U*	0.49	*D*	0.49	*U*	0.49	*U*	0.89	*U*
1,3-butadiene	0.65	*U*	0.66	*U*	0.66	*U*	0.66	*U*	1.2	*U*
1,3-dichlorobenzene	0.59	*U*	0.59	*U*	0.6	*U*	0.6	*U*	1.1	*U*
1,3-dichloropropane	0.45	*U*	0.46	*U*	0.46	*U*	0.46	*U*	0.84	*U*
1,4-dichlorobenzene	8.8	*D*	2.3	*D*	9.7	*D*	4.6	*D*	1.1	*U*
2,2,4-trimethylpentane	0.6	*D*	0.74	*D*	0.98	*D*	2.7	*D*	1.6	*D*
1,4-dioxane	0.71	*U*	0.71	*U*	0.72	*U*	0.72	*U*	1.3	*U*
2-butanone	1.7	*BD*	2	*BD*	2.1	*BD*	2.6	*D*	1.7	*D*
2-hexanone	0.81	*U*	1.5	*D*	1.1	*D*	0.82	*U*	1.5	*U*
3-chloropropene	1.5	*U*	1.5	*U*	1.6	*U*	1.6	*U*	2.8	*U*
4-methyl-2-pentanone	0.4	*U*	0.49	*D*	0.41	*U*	0.45	*D*	0.74	*D*
acetone	13	*BD*	39	*BD*	35	*BD*	31	*D*	37	*D*
acrylonitrile	2.6	*D*	26	*D*	4.7	*D*	67	*D*	64	*D*
benzene	0.69	*D*	0.69	*D*	0.93	*D*	1.3	*D*	2.3	*D*
benzyl chloride	0.51	*U*	0.51	*U*	0.52	*U*	0.52	*U*	0.94	*U*
bromodichloromethane	0.66	*U*	0.66	*U*	0.67	*U*	0.67	*U*	1.2	*U*
bromoform	1	*U*	1	*U*	1	*U*	1	*U*	1.9	*U*
bromomethane	0.38	*U*	0.38	*U*	0.39	*U*	0.39	*U*	0.7	*U*
carbon disulfide	0.31	*U*	1.2	*D*	0.37	*D*	0.59	*D*	0.56	*U*
carbon tetrachloride	0.43	*D*	0.44	*D*	0.44	*D*	0.94	*D*	0.68	*D*
chlorobenzene	0.45	*U*	0.45	*U*	0.46	*U*	0.46	*U*	0.83	*U*
chloroethane	0.26	*U*	0.26	*U*	0.26	*U*	0.26	*U*	0.48	*U*
chloroform	1	*D*	1.3	*D*	0.59	*D*	3.3	*D*	0.88	*U*
chloromethane	1.8	*D*	1.9	*D*	2.3	*D*	1.4	*D*	2.7	*D*
cis-1,2-dichloroethene (cis-DCE)	0.39	*U*	0.39	*U*	0.4	*U*	0.4	*U*	0.72	*U*
cis-1,3-dichloropropene	0.45	*U*	0.45	*U*	0.45	*U*	0.45	*U*	0.82	*U*
cyclohexane	0.34	*U*	0.34	*U*	0.65	*D*	0.79	*D*	0.62	*U*
dibromochloromethane	0.84	*U*	0.84	*U*	0.85	*U*	0.85	*U*	1.5	*U*
dichlorodifluoromethane	2	*D*	2.1	*D*	1.8	*D*	1.4	*D*	3.3	*D*
ethyl acetate	6.6	*D*	14	*D*	12	*D*	6.8	*D*	23	*D*
ethylbenzene	0.47	*D*	1	*D*	0.61	*D*	2.2	*D*	1.6	*D*
hexachlorobutadiene	1	*U*	1.1	*U*	1.1	*U*	1.1	*U*	1.9	*U*
isopropanol	18	*D*	18	*D*	85	*D*	100	*D*	8.7	*D*
methyl methacrylate	0.4	*U*	0.4	*U*	0.41	*U*	0.41	*U*	0.74	*U*
methyl tert butyl ether	0.35	*U*	0.36	*U*	0.36	*U*	0.36	*U*	0.65	*U*
methylene chloride	0.68	*U*	0.86	*D*	0.69	*U*	0.69	*U*	1.3	*U*
naphthalene	5.2	*U*	5.2	*U*	5.2	*U*	5.2	*U*	9.5	*U*
n-heptane	0.44	*D*	0.49	*D*	0.53	*D*	1.9	*D*	0.89	*D*
n-hexane	0.49	*D*	0.91	*D*	0.88	*D*	2.2	*D*	1.3	*D*
o-xylene	0.51	*D*	1.5	*D*	0.91	*D*	2.2	*D*	1.6	*D*
p/m-xylene	1.5	*D*	4.1	*D*	2.2	*D*	7.7	*D*	4.8	*D*
p-ethyltoluene	0.48	*U*	1.3	*D*	0.49	*U*	1.1	*D*	0.89	*U*
propylene	3.7	*D*	1.7	*D*	2.2	*D*	0.17	*U*	3	*D*
styrene	0.42	*U*	0.8	*D*	0.51	*D*	0.89	*D*	0.77	*U*
tetrachloroethene (PCE)	0.2	*D*	0.27	*D*	0.88	*D*	0.17	*U*	0.31	*U*
tetrahydrofuran	0.58	*U*	1	*D*	0.59	*U*	0.59	*U*	1.1	*U*
toluene	4.1	*D*	3.7	*D*	5.7	*D*	11	*D*	7.4	*D*
trans-1,2-dichloroethene (trans-DCE)	0.39	*U*	0.39	*U*	0.4	*U*	0.4	*U*	0.72	*U*
trans-1,3-dichloropropene	0.45	*U*	0.45	*U*	0.45	*U*	0.45	*U*	0.82	*U*
trichloroethene (TCE)	0.13	*U*	0.13	*U*	0.13	*U*	0.13	*U*	0.24	*U*
trichlorofluoromethane	1.1	*D*	1.1	*D*	1.1	*D*	0.78	*D*	1.7	*D*
vinyl acetate	0.35	*U*	0.35	*U*	0.35	*U*	0.35	*U*	0.64	*U*
vinyl bromide	0.43	*U*	0.43	*U*	0.44	*U*	0.44	*U*	0.79	*U*
vinyl chloride (VC)	0.25	*U*	0.25	*U*	0.26	*U*	0.25	*U*	0.46	*U*

Detected concentrations

Notes: NA = not available

Result Flags: J = approximate E = estimated B = detected in blank

APPENDIX A

Corrective Measures Work Plan and Indoor Air Sampling Work Plan

GALLAGHER BASSETT | TECHNICAL SERVICES

March 14, 2025

Marlen Salazar, Engineer Trainee
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, New York 11101 via e-mail: marlen.salazar@dec.ny.gov

Re: Corrective Measures Work Plan for the Parkview Commons Brownfield Cleanup Site
located at 871 Elton Avenue, Borough of Bronx, New York
NYSDEC BCP Site: C203014
GBTS Project Numbers: 21003-0155 | LB03027

Dear Ms. Salazar:

This Corrective Measures Work Plan (CMWP) was prepared by Gallagher Bassett Technical Services (GBTS) and was certified by Daniel Bellucci, P.E. of Bellucci Engineering, PLLC, a registered New York State Professional Engineer (P.E. 099470) on behalf of BX Parkview Associates LLC for the Parkview Commons Site located at 871 Elton Avenue, Bronx, New York. Bellucci Engineering, PLLC, directly contracted with BX Parkview Associates LLC. The Site was remediated through the New York State (NYS) Brownfield Cleanup Program (BCP) and is subject to yearly inspection and reporting requirements, which are documented in an approved NYS Department of Environmental Conservation (DEC) Site Management Plan (SMP), dated September 2006 (last revised September 2016).

During the annual Periodic Review Process, deficiencies were identified by GBTS with one of the Engineering Controls (ECs) at the Site. Specifically, one of the sub-slab depressurization (SSD) system fans was not working and the alarm systems intended to alert on-site personnel of system failures were not operational. In addition, regular inspection records have not been maintained and were not provided. Several components of the SSD systems are in poor condition and should be replaced.

This CMWP was prepared to address necessary repairs and overdue maintenance to the engineering controls as well as necessary improvements to the inspection and reporting requirements to ensure the Site is in compliance with the approved SMP.

SITE DESCRIPTION

The Site is an irregularly shaped 0.67-acre parcel with frontage on the northern side of East 160th Street, southern side of East 161st Street, and western side of Elton Avenue. The Site is currently developed with a nine-story mixed-use building with office space and community rooms at the first floor and residential units on the upper floors. The building is approximately U-shaped and contains three main wings, with the northern wing having a west-east axis, the central wing having

22 IBM Road, Suite 101
Poughkeepsie, NY 12601
O: 845-867-4715
www.gallagherbassett.com

a north-south axis, and the southern wing having an east-west axis. Each wing is serviced by three independent SSD systems.

Prior to redevelopment between 2004 – 2005 the Site contained a vacant building at the northern portion of the Site that was most recently used as a gasoline station and automotive repair facility (circa 1951-2004). The remainder of the property was a vacant, paved parking lot.

CORRECTIVE MEASURES

Blower Unit Replacements

During the annual Site-wide inspection, GBTS identified that the blower associated with the VP-3 system (servicing the southern wing) was offline. Electrical power to this blower was reset at the breaker box in the electrical room, however, the blower did not power back on after resetting the breaker. The blower has likely reached the end of its life and will be replaced with a new comparable blower unit.

The electrical connections servicing blower units VP-1 and VP-2 are in poor condition and he VP-1 and VP-2 blower units are the originally installed fans which are approaching 20 years of service. As a proactive measure, the blowers and the electrical connections will be replaced to ensure continued operation of the SSD systems. Based on manometer readings from the vapor extraction monitoring point (VEMP) for the VP-1 system (VEMP-1R), the monitoring point may be clogged or the blower unit is not providing adequate vacuum to this portion of the building. It is recommended that an Obar GBR 89 blower be installed at the VP-1 discharge point. The Obar GBR89 is capable of creating both higher vacuum and air flow than the current blower and will allow for more airflow and vacuum in the VP-1 system, if needed. The blower units servicing the VP-2 and VP-3 systems have been discontinued by the manufacturer and will be replaced with comparable blowers (Obar GBR76 SOE) or similar units, as determined by the PE. All new blowers will include potentiometer dials, slowing for control of system air flow. The new blowers will be installed following manufacturer specifications by a licensed electrician in accordance with applicable codes and regulations. The selected blower units will have integrated condensate bypasses or condensate bypass kits will be installed as per manufacturer recommendations.

The blower units and discharge point piping will be securely mounted to the nearest wall and the discharge point piping will be extended vertically to meet applicable NYC Building Code clearance requirements away from operable windows, doors and active or passive air intakes. The VP-1 and VP-2 blowers or system piping will be mounted directly onto the bulkhead wall; the VP-3 discharge point will be supported with vertical guy wires or will be routed towards the bulkhead of the 4th floor roof to allow piping to be mounted directly onto the bulkhead wall.

Visual Gauge Replacement and Audible Alarm Installation

The u-manometer servicing the VP-3 sub-system did not contain any fluid. The SSD systems do not contain audible alarms to alert on-site personnel of blower failures. Combination visual gauge and audible alarm units (Obar GBR 25) will be installed at each riser. The GBR 25 is a combination visual gauge that provides a digital readout of the vacuum within the risers, as well as an audible

alarm that will trigger both a red-light indicator and an audible noise indicator upon detecting a drop in vacuum within the riser. Installation of these combination units at each riser will allow continued monitoring of the blower units and alert on-site personnel of blower failures. The alarm will be preset to trigger if vacuum drops below -0.5 inches of water column (IWC) The preset alarm value may be modified as needed based on startup testing readings. The GBR 25 combination units will be installed at the VP-1 and VP-2 risers on the first floor by securing them to a wall immediately next to the risers. In order to install the GBR 25 unit on the VP-3 riser, an access panel will be installed at a lower floor and the alarm will be mounted within the access panel.

Monitoring Point Repair/Replacement

One of the four permanent vapor extraction monitoring points (VEMPs) is not operational and must be repaired or replaced. Monitoring point VEMP-1R, which is located at the western end of the northern wing, may be clogged. The monitoring point, a Vapor Pin device, did not contain a protective cap or flush-mounted cover and was found unprotected on the day of the inspection. The fan servicing the north wing was verified to be operational and manometer readings at VEMP-1R have previously been recorded to be -0.008 IWC, suggesting the monitoring point is likely obstructed, or the blower unit may not be providing adequate vacuum.

To clear potential obstructions, compressed air will be blown directly into the inlet to dislodge dust or debris. If no readings are recorded on the micro-manometer following attempts to unclog the device, the Vapor Pin will be removed and a new Vapor Pin will be installed in the same hole, following manufacturer specifications. If there continue to be no readings (or inadequate readings) after replacing the Vapor Pin, the new blower unit's speed will be adjusted until acceptable vacuum levels are recorded at the monitoring point.

A reading of 0.000 IWC was recorded at VEMP-4; however, the blower unit that provides depressurization for this section of the building was offline. Once the blower unit is replaced, vacuum readings will be collected from VEMP-4 using a digital micro-manometer capable of reading 0.001 IWC in order to verify that the monitoring point is functional and the fan is providing adequate vacuum.

The SMP specifies a target sub-slab vacuum value of -0.020 IWC. As per discussions with the NYSDEC, the target value will be revised to -0.004 IWC and a revised SMP will be provided to reflect this updated target value.

Post Corrective-Measures Testing

Following the replacement of the blower units, installation of combination visual alarm and audible gauges, and repairing/replacing VEMPs, a complete round of SSDS testing will be conducted. The testing will include collection of sub-slab vacuum readings from the VEMPs, recording system vacuum readings from the visual gauges, and confirming proper functioning of the audible alarms. Additional testing parameters may be collected at the discretion of the P.E. of record.

VES Monitoring and Inspection Records

According to the SMP, Site personnel should be performing inspections of accessible components of the VES every two weeks and filling out the U-manometer Reading Log sheet. According to the current Building Superintendent, who as of September 2024 has only been employed for approximately 6 months, former Site personnel did not leave any log sheets and did not provide training for maintaining and monitoring the VES.

A new U-manometer Reading Log Sheet was provided to the Building Superintendent and training was provided by GBTS on how to fill out the Log Sheet and what maintenance and monitoring protocols to follow in order to ensure the VES remains operational and the Site in compliance with the requirements of the SMP. Copies of the completed Log Sheet will be shared with the environmental consulting team on a bi-weekly basis to ensure the inspections are occurring in a timely manner in compliance with the SMP.

SCHEDULE

The proposed corrective measures will be implemented within approximately one month following approval of this CMWP by the NYSDEC. Once this CMWP scope is fully implemented, the work performed and results from testing the SSDS will be incorporated into the periodic review report (PRR), which will cover the reporting period from January 3, 2023 through the date when the SSDS is reactivated. If the CMWP is implemented in April 2025, the PRR will be finalized and submitted by May 30, 2025.

GALLAGHER BASSETT | TECHNICAL SERVICES

CERTIFICATION

I, Daniel Bellucci, P.E., certify that I am currently a NYS registered professional engineer and that this Corrective Measures Work Plan was prepared in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Professional Engineer: Daniel Bellucci, P.E.

New York License Number: 099470

Engineering Firm: Bellucci Engineering, PLLC

Date: March 14, 2025

Warning: It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

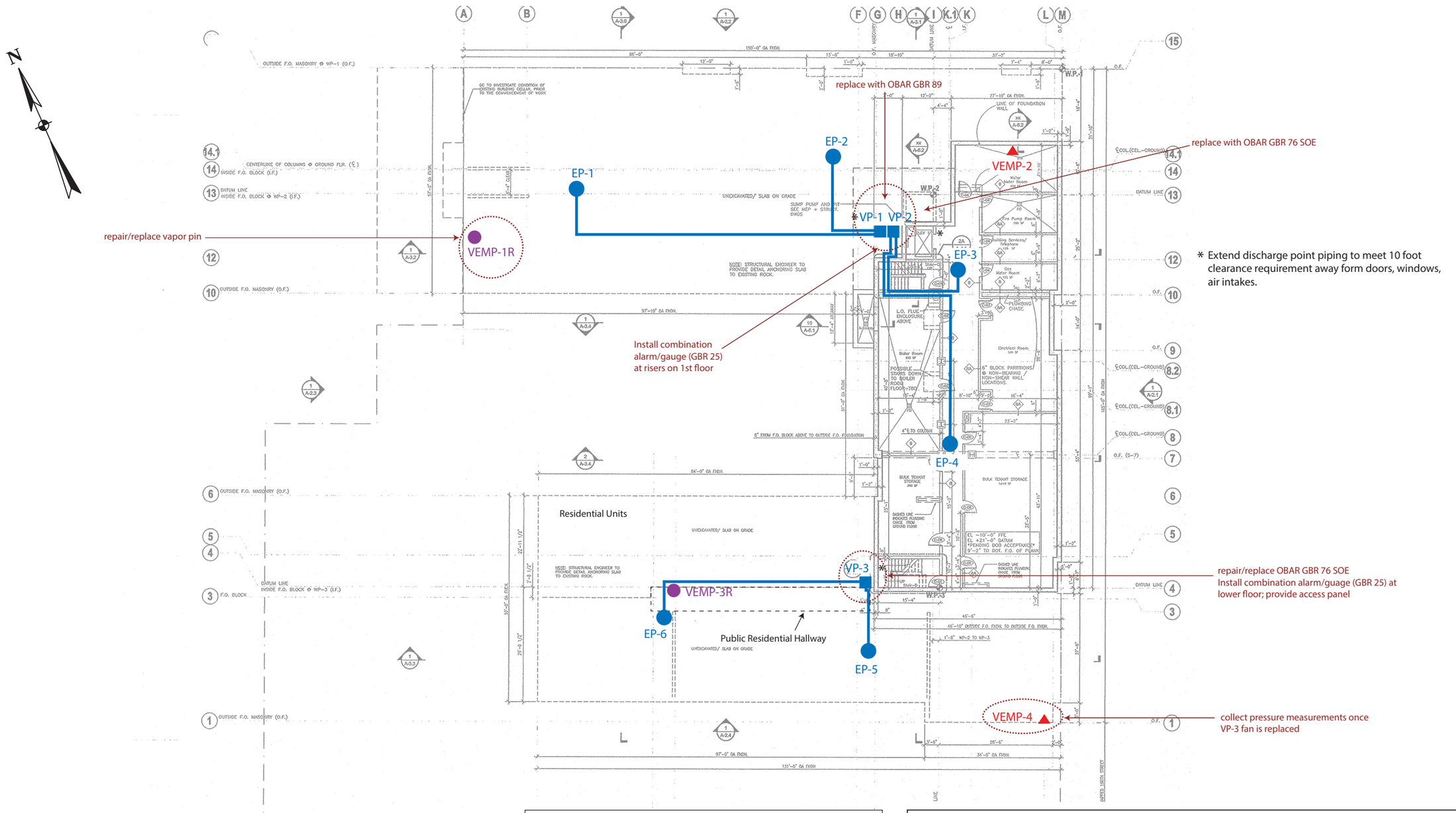
Please call Erick Salazar at (845) 867-4716 or Daniel Bellucci at (845) 803-4347 should you have any questions or comments. We appreciate the opportunity to provide this service to you and look forward to working with you in the future.

Sincerely,

Erick Salazar
Project Manager
Gallagher Bassett Technical Services

Richard Hooker
Manager – Environmental Consulting
Gallagher Bassett Technical Services

Attachments: Fieldwork Map
Contract between BE/Parkview
Blower Unit Specifications
Visual Gauge/Audible Alarm Unit Specifications



* Extend discharge point piping to meet 10 foot clearance requirement away form doors, windows, air intakes.

Legend:

- Extraction point (EP)
- Vertical pipes (VP)
- Vapor extraction monitoring point (VEMP)
- Connecting pipes
- Replacement vapor extraction monitoring points (VEMPs)

Fieldwork Map

Parkview Commons Site
871 Elton Avenue
Borough of Bronx
Bronx County, New York

File: 21003-0155

Not to scale

September 2024 | Attachment

Note: To be used to install vapor extraction monitoring points only. For all other details, use other applicable drawings.
Source: Map based on Magnusson Architecture & Planning PC - Cellar Construction Plan Drawing #A-1.1

February 11, 2025

Mr. Matt Engel
BX Parkview Associates LLC c/o Langsam Property Services
1601 Bronxdale Avenue
Bronx, NY 10462

RE: Professional Engineering Services
Corrective Measures Work Plan, SSDS- As-Built Drawings, Site Management Plan and Periodic Review Report Review & Certifications
Parkview Commons Development Site
421-435 East 160th Street, 426-440 East 161st Street & 865-877 Elton Avenue
Borough of Bronx, New York
BCP Site #: C203014

Dear Mr. Engel:

Bellucci Engineering, PLLC appreciates the opportunity to provide professional engineering services at the above-referenced property (herein the Site). The scope of our services includes review and certification of the Corrective Measures Work Plan (CMWP), Sub-Slab Depressurization System (SSDS)- As-Built Drawings, a Revised Site Management Plan (SMP) and Periodic Review Report (PRR). As the certifying Professional Engineer-of-Record, Bellucci Engineering's scope of services for implementation of this project will include the following:

Task 1 – Corrective Measures Work Plan Review & Certification
A CMWP has been prepared and submitted to the NYSDEC and NYSDOH for review. Comments have been received and are pending. Bellucci Engineering will perform a final review and certification of the CMWP as the P.E. of record.

Task 2 – Site Inspection & Geophysical Survey for Sub-Slab Depressurization System
The NYSDEC has requested as-built drawings be prepared and certified by a registered professional engineer for the existing SSDS at the Site. While some historical data exists regarding the design and layout of the SSDS, additional investigation was required to properly map and identify the SSDS components in an effort to prepare accurate as-built drawings. An independent geophysical survey contractor was retained to perform a sub-slab investigation in an attempt to map sub-grade piping features. This investigation employed ground penetrating radar (GPR) and electromagnetic tracing techniques in an attempt to locate subgrade SSDS pipes. The findings of the investigation will be combined with historic data available to produce the as-built drawings for the SSDS.

Task 3 – SSDS As-Built Preparation & Certification
Bellucci Engineering and Gallagher Bassett Technical Services (GBTS) will prepare SSDS as-built drawings to be incorporated into a revised SMP. The SSDS as-builts will be stamped/ certified by a NYS registered professional engineer of record.

Task 4 – Revised Site Management Plan Review & Certification
Bellucci Engineering and GBTS will revise the existing SMP to include the as- built drawings for the SSDS. A description and update for the corrective measures to be implemented at the Site will also be captured

in the revised SMP. The revised SMP will be reviewed and stamped/ certified by a NYS registered professional engineer of record.

Task 5 –Periodic Review Report Review & Certification
The Periodic Review for calendar year 2023 will be revised based on the Corrective Measures to be implemented at the Site. The PRR will be reviewed and stamped/ certified by a NYS registered professional engineer of record.

Task 6 –Miscellaneous Professional Engineer Project Management Time
Bellucci Engineering, PLLC anticipates up to 5 hours of Professional Engineer project management time outside of the scope of services described in other tasks above may be required. Project Management time will be billed on a time and material basis at a rate of $200/ hour. Bellucci Engineering, PLLC will notify the Client if Project Management time is anticipated to exceed 5 total hours.

Project Schedule
Bellucci Engineering PLLC is prepared to begin working on the project immediately. Receipt of this proposal signed by an authorized agent indicates the Client's approval for the scope of services and the fee schedule listed below.

Fee Schedule
The six tasks associated with the engineering scope of services have been broken down in the table below. Task #'s 1 through 5 are fixed fee and Task # 6 will be billed on a time and materials basis. The Client will be notified if additional Project Management time beyond the estimated 5 hours allocated in the table below is required. Each task will be billed at the time of completion.

Task	Billing Type	Billing Rate	Total Fee
Task #1 – Corrective Measures Work Plan Review & Certification	Fixed Fee	~	BILLED UNDER PRIOR CONTRACT
Task #2 – Site Inspection & Geophysical Survey for Sub-Slab Depressurization System	Fixed Fee	~	BILLED UNDER PRIOR CONTRACT
Task #3 – SSDS As-Built Drawing Preparation & Certification	Fixed Fee	REDACTED	
Task #4 – Revised Site Management Plan Review & Certification	Fixed Fee		
Task #5 –Periodic Review Report Review & Certification	Fixed Fee		
Task #6 – Miscellaneous Professional Engineer Project Time @ 5 hours	Time & Materials		
TOTAL ESTIMATED BUDGET			

Net payment terms are due 30 days from receipt of invoice. Payment is the sole responsibility of the Client and is not contingent upon third party funding, transactional closing, or insurance recovery.

Contract Authorization

Bellucci Engineering, PLLC is prepared to commence work immediately upon receipt of this signed proposal. Issuance of a purchase order and/or signature of this proposal acknowledges acceptance of Bellucci Engineering's proposal, cost, schedule and assumptions. Authorization of this proposal by the Client or an authorized agent indicates said agent has full authority to execute this agreement. This proposal will remain firm for a period of 90 days.

Thank you kindly for your consideration of Bellucci Engineering, PLLC for this project. Please feel free to contact Daniel Bellucci with any questions.

Sincerely,

Daniel Bellucci, P.E.
Environmental Engineer

Accepted By:

Mr. Matt Engel
BX Parkview Associates LLC c/o Langsam Property Services
1601 Bronxdale Avenue
Bronx, NY 10462

Matt Engel
Print

Sign

2/12/24
Date

Attachments: Standard Terms & Conditions

Attachment A

STANDARD TERMS AND CONDITIONS

The Client and Bellucci Engineering, PLLC (hereinafter "BE") hereby agree as follows:

1. CONTRACT- The Contract is the Proposal or Contract document that is signed and dated by BE and the Client including these Standard Terms and Conditions, which are appended and incorporated by reference. The Client is defined as the entity that signs the Proposal or Contract.

2. SPECIAL TERMS AND CONDITIONS - These "Standard Terms and Conditions" are an integral part of the Proposal and Contract and shall remain in effect during and after the completion or termination of BE's services, and shall control all conflicting terms or conditions unless BE agrees otherwise in writing. BE retains the right to attach this Proposal and Contract to any of its service reports or assessments provided to Client, as an exhibit, and Client agrees that this Proposal and Contract is considered a part of the Draft or Final report or assessment.

3. COMPENSATION FOR SERVICES AND PAYMENT TERMS - The Client agrees to pay BE in accordance with the payment terms provided in the Contract. Invoices will be submitted upon initiation of work on the project, monthly and/or upon completion of a specified scope of service. Invoices are due and payable upon receipt. If payments are not made as agreed, the Client agrees to pay reasonable collection costs and a handling charge of one and one-half percent (1 1/2%) per month. Any subconsultant's work will be invoiced at cost plus 15%.

4. RIGHT OF ENTRY- The Client agrees to furnish BE with the right-of-entry on the land and into any structures or represents and warrants, if the site is not owned by the Client, that permission has been granted to make site reconnaissance and observations pursuant to the scope of services in the Contract. Client will make reasonable efforts to secure permission (and any permits) necessary to allow BE free access to the subject property. BE will take reasonable precautions to minimize damage to the land and structures from activities related to its services but has not included in the fee the cost for restoration of damage that may result from BE's operations, unless specifically stated in the Contract.

5. UNDERGROUND STRUCTURES - Unless otherwise agreed, the Client shall provide BE with locations of buried utilities and other underground structures in areas of subsurface exploration. BE will take reasonable precautions to avoid damage to the buried utilities and other underground structures noted. If locations are not known or cannot be confirmed by the Client, then there will be a degree of risk to the Client associated with conducting the exploration. In the absence of confirmed underground structure locations, the Client agrees to accept the risk of any damages and losses resulting from the exploration work.

6. RECOGNITION OF RISK - BE will endeavor to perform services under this agreement in a manner consistent with that level of care and skill ordinarily exercised by other professional consultants performing such services within the same limits prescribed by the Client or set forth in the Proposal, at the same time performed by engineers in the same locality as the project site, and under the same or similar circumstances and conditions (the "Required Standard of Care"). Client recognizes that environmental, geologic, and geotechnical conditions can vary from those encountered at the times when and locations where data are obtained, and that such limitation on available data results in some level of uncertainty with respect to the interpretation of these conditions, despite meeting the Required Standard of Care.

    a. CHEMICAL WASTES AND HAZARDOUS WASTES - Client recognizes that commonly used exploration methods (such as drilling borings, pushing or driving probes, or excavating trenches) involve an inherent risk. These exploration methods may penetrate through a stratigraphic unit (either naturally occurring or man-made) bearing Hazardous Materials (herein defined) and serve as a connecting passageway between such stratigraphic unit and an uncontaminated stratigraphic unit or groundwater, thus potentially inducing cross-contamination. However, Client recognizes

that there is an inherent risk in drilling borings, pushing or driving probes, excavating trenches, or implementing other methods of exploration at or near a site contaminated by Hazardous Materials. Further, Client recognizes that these are not the only risks that may be encountered but are simply examples of consequences that cannot be anticipated or avoided in many cases, even through the exercise of the Required Standard of Care. Client accepts these and all similar risks and releases BE from any and all liability that may be incurred as a result of the services provided by BE, provided that such services were performed in accordance with the Required Standard of Care.

b. SUBSURFACE RISKS - Client recognizes that special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program, implemented with appropriate equipment and experience by personnel under the direction of a trained professional who functions in accordance with the Required Standard of Care may fail to detect certain hidden conditions. For similar reasons, actual environmental, geological, and technical conditions that BE properly inferred to exist between sampling points may differ significantly from those that actually exist. The passage of time also must be considered, and the Client recognizes that due to natural occurrences or direct or indirect human intervention at the Site or distance from it, actual conditions may quickly change. The Client realizes that nothing can be done to eliminate these risks altogether and that the Services included in this Agreement are those which the Client agreed to or selected in light of his/her own risk preferences and other considerations.

c. STATE-OF-THE-PRACTICE - Client recognizes that the state-of-the-practice, particularly with respect to removal and remediation of Hazardous Materials from contaminated sites and the regulatory determination of and threshold limits for Hazardous Materials, is changing and evolving. While BE must perform in accordance with the Required Standard of Care, it is recognized that standards will subsequently change because of improvements in the state-of-the-practice. Nevertheless, BE shall not be liable based upon such changed standards, but only upon the Required Standard of Care applicable when the Services are performed.

7. DOCUMENTS - All reports, design drawings, field data and notes, laboratory test data, calculations, estimates, and other documents that BE prepares as instruments of service as part of this Agreement shall remain BE's property. The Client agrees that BE's services are on behalf of and for the exclusive use of the Client and that all reports and other documents furnished to the Client or its agents shall be utilized solely for this project. Client shall indemnify and hold harmless BE, its officers, directors, employees and subconsultants (collectively, BE) against any damages, liabilities, including reasonable attorneys' fees and defense costs, arising from or alleging arising from or in any way connected with the unauthorized use of BE's documents or instruments of services by the Client or any person or entity that acquires or obtains BE's instruments of service from or through the client without the written authorization of BE. BE will retain pertinent records relating to the services performed for a period of one (1) year following submission of our report or other documents.

8. DISPOSAL OF SAMPLE - Soil, rock, water, and/ or other samples obtained from the subject property are the property of the Client. BE shall discard the samples 60 days after BE's report has been submitted, unless other arrangements are provided in the Contract. Should any of these samples be found to be contaminated by hazardous substances or suspected hazardous substances, it is the Client's responsibility to arrange and pay for lawful disposal. In the event that samples collected by BE or provided by Client or wastes generated as a result of project site investigation activities contain or potentially contain substances or constituents which are or may be hazardous or detrimental to health, safety, or the environment as defined by federal, state, or local statutes, regulations, or ordinances, including but not limited to samples or wastes containing Hazardous Materials, said samples or wastes remain the property of the Client and the Client shall have responsibility for them as generator. If set forth in the Proposal, BE will, after completion of testing and at Client's expense, either (1) return said samples and waste to Client, or (2) using a manifest signed by Client as generator, have said samples and/or wastes transported to a location selected by Client for disposal. Client agrees to pay directly all costs associated with the storage, transport, and disposal of said samples and/or wastes. Unless otherwise agreed upon in the applicable Proposal, BE shall not transport, handle, store or dispose of waste or samples or arrange or subcontract for waste or sample transport, handling, storage, or disposal. Client recognizes and agrees that BE is working as a bailee and at no time assumes title to said waste or samples or any responsibility as generator of said waste or samples.

9. RENEGOTIATION OF CONTRACT FOR PRESENCE OF HAZARDOUS MATERIALS - If the scope of services for this Contract does not include services relating to hazardous waste, oil, asbestos or other hazardous materials, as defined by federal, state and/ or local laws or regulations, and if such materials are discovered during BE's work, the Client agrees to negotiate appropriate revisions to the scope of services, the budget estimate, and the terms and conditions of the Contract. When such hazardous materials are suspected, BE will have the option to stop work until a new agreement is reached. If a mutually satisfactory agreement cannot be reached between both parties, the Contract shall be terminated. The Client agrees to pay BE for all services rendered, including any costs associated with termination.

10. CONSTRUCTION SERVICES - If BE's construction observations services are included as part of the scope of services in the Contract, BE will provide personnel to observe construction to ascertain that it is being performed, in general, in accordance with the plans and specifications. BE cannot provide its opinion on the suitability of any part of the work performed unless measurements and observations of that part of the construction are made by BE personnel. BE's services do not make BE a guarantor of the contractor's work, and the contractor will continue to be responsible for the accuracy and adequacy of all construction or other activities performed by the contractor. The contractor will be solely responsible for the methods of construction; supervision of personnel and construction; control, of machinery; false work, scaffolding, or other temporary construction aids; safety in, on, or about the job site; and compliance with OSHA regulations. In consideration of BE's performance of its obligations to review and evaluate the various bidders and bid submissions and to make recommendations to the Client regarding the award of the construction contract, the Client agrees to hold harmless and indemnify BE for all costs, expenses, damages, and attorneys' fees which are incurred by BE as a result of any claims, allegations, administrative or court proceedings, arising out of or relating to any bid protest or such other action taken by any person or entity with respect to the review and evaluation of bidders and bid submissions and/ or recommendations concerning the award of the construction contract. Although this paragraph shall not apply in circumstances in which BE is finally adjudicated by a court to have actually engaged in intentional and willful conduct without any legitimate justification, privilege or immunity, the Client shall be obligated to indemnify BE for all such indemnification obligations incurred by BE until any such final adjudication has been made by a court of competent jurisdiction.

11. STANDARD OF CARE - BE's services will be performed in accordance with generally accepted practices of the members of the same profession providing similar services at the same time, in the same locale, and under like circumstances. BE makes no other representations or warranties, whether express or implied, with respect to the services rendered hereunder.

12. INFORMATION - Client will use reasonable efforts to provide to BE information in Client's possession that BE deems necessary to BE's completion of the services.

13. ASSESSMENT PROCESS - Client understands and agrees that the information reported will be obtained through sources deemed reliable, a visual site survey of areas readily observable, easily accessible or made accessible by the property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property. Municipal information will be obtained through file reviews of reasonably ascertainable standard government record sources, and interviews with the authorities having jurisdiction over the property. Findings, conclusions and recommendations included in the report will be based on our visual observations in the field, the municipal information reasonably obtained, information provided by the Client, by agents of the site owner, and/or a review of readily available and supplied drawings and documents. No disassembly of systems or building components or physical or invasive testing will be performed. BE will render no opinion as to the site or property condition at un-surveyed and/or inaccessible portions of the site or property. BE will rely completely on the information, whether written, graphic or verbal, provided by the property contact or as shown on any documents reviewed or received from the property contact, owner or agent, or municipal source, and assumes that information to be true and correct. The observations in the report will be valid on the date of the survey. The report will speak only as of its date, in the absence of a specific written update of the report, signed and delivered by BE.

14. DISPUTE RESOLUTION - Prior to the initiation of any legal proceedings, the parties to this Agreement agree to submit all claims, disputes or controversies arising out of or in relation to the interpretation, application or enforcement of this Agreement to non-binding mediation. Such mediation shall be conducted

under the auspices of the American Arbitration Association or such other mediation service or mediator upon which the parties agree. The Party seeking to initiate mediation shall do so by submitting a formal, written request to the other party to this Agreement. This section shall survive completion or termination of this Agreement, but under no circumstances shall either party call for mediation of any claim or dispute arising out of this Agreement after such period of time as would normally bar the initiation of legal proceedings to litigate such claim or dispute under the laws of the State of New York.

15. INSURANCE – To the extent BE is protected by Worker's Compensation Insurance and General Commercial Liability Insurance, BE will furnish certification upon written request. The Client agrees that BE will not be liable or responsible to the Client for any loss, damage, or liability beyond the amounts, limits, exclusions, and conditions of such insurance.

16. PROFESSIONAL LIABILITY - The Client agrees to limit liability to an amount of $25,000 or BE's fee, whichever is less and to indemnify BE for any claims or costs from any construction contractor or subcontractor who performs work for which BE has provided reports, plans, and specifications. BE assumes no liability whatsoever for deliverables or reports that are submitted in only draft form. BE's reports, findings, recommendations and/or conclusions are valid for a period of a maximum of one (1) year, or until such time, whichever is less, that the subject property or its components has been modified to a different condition than that observed and reported within the reports covered under the Proposal and Contract.

17. INDEMNIFICATION FOR HAZARDOUS MATERIALS - The Client agrees that BE has not contributed to the presence of hazardous wastes, oils, asbestos or other hazardous materials that may exist or be discovered in the future at the site and that BE does not assume any liability for the known or unknown presence of such materials. Therefore, the Client shall defend, indemnify, and hold harmless BE, its consultants, subcontractors, agents, and employees from and against all claims, damages, losses, and expenses including defense costs and lawyer's fees including those that result from the failure to detect or from the actual, alleged, or threatened discharge, dispersal, release, or escape of any solid, liquid, gaseous or thermal irritant, asbestos in any form, or contaminants including smoke, vapor, soot, fumes, acids, alkalies, chemicals, waste, oil or other hazardous material. The Client shall be liable under this paragraph for claims, damages, losses, and expenses including defense costs and attorney's fees, unless such claims, damages and losses and expenses are caused by BE's gross negligence.

18. PUBLIC RESPONSIBILITY - The Client acknowledges that the Client or the site owner, as the case may be, is now and shall remain in control of the site for all purposes at all times. Except as required by law, BE does not undertake to report to any federal, state, county, or local public agencies having jurisdiction over the subject matter any conditions existing at the site from time to time that may present a potential danger to public health, safety, or the environment. The Client agrees to notify each appropriate federal, state, county, and local public agency, as they each may require, of the existence of any condition at the Site that may present a potential danger to public health, safety, or the environment. Notwithstanding the provisions of the foregoing, BE will comply with subpoenas, judicial orders or government directives, and federal, state, county and local laws, regulations and ordinances, and applicable codes regarding the reporting to the appropriate public agencies of findings with respect to potential dangers to public health, safety, or the environment. BE shall have no liability or responsibility to the Client or to any other person or entity for reports or disclosures made in accordance with such statutory or other lawful requirements. The Client shall defend, indemnify, and hold BE harmless from and against any and all claims, demands, liabilities and expense, including reasonable attorneys' fees incurred by BE and arising directly or indirectly out of BE's reporting such information under a bona fide belief or upon advice of counsel that such reporting or disclosure is required by law.

19. SUSPENSION OF WORK - The Client may, at any time, by a ten (10) day written notice, suspend further work for BE as such work is defined by this Contract. The Client shall remain fully liable for and shall promptly pay BE the full amount for all services rendered by BE to the date of suspension of services plus suspension charges. Suspension charges shall include the cost of putting documents and analyses in order, personnel and equipment rescheduling or reassignment adjustments, and all other related costs and charges directly attributable to suspension. If payment of invoices by the Client is not maintained on a thirty (30) day current basis, BE may, by providing a ten (10) day written notice to the Client, suspend further work until payments are restored to a current basis. In the event BE engages counsel to enforce overdue payments, the Client shall reimburse BE for all reasonable attorney's fees and court costs related to

enforcement of overdue payments. The Client shall indemnify and save harmless BE from any claim or liability resulting from suspension of the work due to non-current payments.

20. STANDARD BILLING TERMS

    LABOR BILLING RATES

    Daniel Bellucci = $200/hour

    Expert witness testimony or participation at hearings or depositions, including necessary preparation time will be charged at 150% of the above rates.

    OTHER DIRECT COSTS

    Charges for travel, equipment rental and subcontractors are made at cost plus 15%. An administrative charge of 3% of labor billings is made to cover costs associated with telephone, reproduction, faxes, delivery charges, etc.

    ESTIMATED COST

    Cost estimates are based upon our best judgment of the requirements known at the time of proposal. Unforeseen circumstances and changing client needs can affect project costs. BE will notify the client in advance if costs are expected to exceed the estimate. In such event, the client may wish to authorize additional funds, redefine the work to fit the remaining funds or request that work be stopped at a specific expenditure level.

    BILLING TERMS

    Invoices will be issued monthly and are due and payable upon receipt. Invoices not paid within 30 days shall be subject to interest at the rate of 1.5% per month.

21. TERMINATION - Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days written notice for any of the following reasons: substantial failure by the other party to perform in accordance with the terms of this agreement and through no fault of the terminating party and/or material changes in the conditions under which this Agreement was entered into, the scope of services or the nature of the project or the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.

22. CHOICE OF LAW - This Agreement shall be deemed executed and delivered within the State f New York, and all rights and obligations of the parties under this Agreement, and any disputes hereunder, shall be governed by the law of the State of New York.

23. DRAFTING NOT TO BE CONSTRUED AGAINST ANY PARTY - The parties acknowledge and agree that each has had a full opportunity to review and have input into this Contract and that any ambiguity found shall not be construed against any party as drafter.

24. INDEPENDENT CONTRACTOR - BE is being retained by Client pursuant to this Contract as an independent contractor, and nothing herein or otherwise shall be construed to make BE an employee, agent or representative of Client. BE shall not represent to third parties that it represents Client or is the agent of Client. BE is responsible for and shall have complete control over all necessary labor, equipment, insurance and materials to perform the Services, and for determining the best means to perform the services subject to, and in order to satisfy, the requirements of this Contract.

25. ASSIGNMENT - This Contract may not be assigned by either party hereto without the prior written consent of the other party.

26. SURVIVAL - The provisions of this Contract shall survive the completion of the Services and the scope of work for each Project or the earlier termination of this Contract and/or the scope of work.

27. FORCE MAJEURE - A delay in or failure of performance of either party hereto shall not constitute default hereunder or give rise to any claim for damages if and to the extent such delay or failure is caused by occurrences beyond the control of the party affected, including but not limited to: acts of God or the public enemy; compliance with any order, action, or request of a governmental authority affecting to a degree, not presently existing, the supply, availability, or use of information, materials or labor; acts of war; public disorders; rebellion or sabotage; floods; riots; strikes; pandemics; labor or employment difficulties whether direct or indirect; or any causes, whether or not the class or kind of those specifically named above, not within the control of the party affected and which, by the exercise of a reasonable diligence, said party is unable to prevent. A party which is prevented from performing, for any reason, shall immediately notify the other party in writing of the cause for such non-performance and within a reasonable time set forth the anticipated extent of the delay. Should either party's performance hereunder be delayed beyond the control of or without the fault or negligence of such party, the parties to this Contract shall confer to reach an agreement on the conditions upon which the work shall be continued, or otherwise terminated.

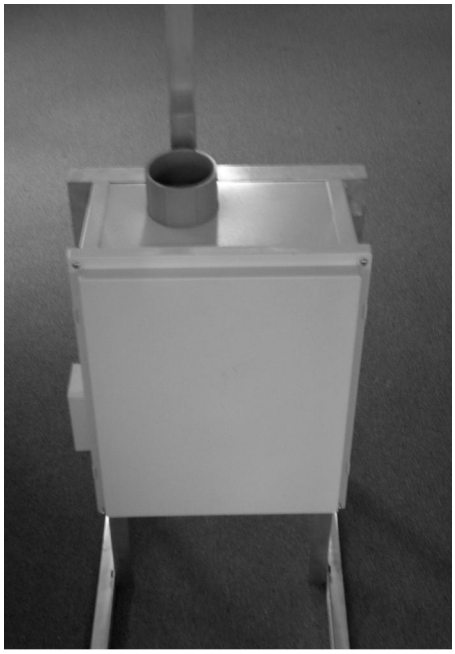
28. SEVERABILITY. Any article or provision of this contract which may be deemed in violation of law shall not affect in any manner the remaining provisions of this contract.

29. ENTIRE AGREEMENT - This Contract constitutes the entire agreement between Client and BE with respect to the services and supersedes all prior negotiations, representations and agreements.

THE OBAR GBR89

COMPACT RADIAL BLOWER

Based on 25 years of experience and 2 years of research and development, the patent pending GBR series of compact radial blowers provide the perfect combination of performance and design.



GBR89 WITH ROOF MOUNT

PERFORMANCE

- GBR89 HA 14" WC at 100CFM max flow 500 CFM.
- Built in speed control to customize performance.
- Condensate bypass built in.
- 12 month warranty 40,000 hr sealed bearings.

DESIGN

- Our modular design means the blower and manifold assembly can be removed and replaced as a unit. This makes repairs cost effective and easy and allows contractors to upgrade systems simply by swapping assemblies.
- The GBR series is based on a bypass blower designed to handle combustible materials.
- The housing is not required to be air tight so you can add gauges and alarms without compromising the system.
- Built in condensate bypass.
- Built in speed control.
- Quick disconnect electrical harness.
- All UL listed components including UL listed enclosure for outside use.
- Wall fastening lugs included.
- GBR series roof and wall mounts available to quickly configure the blowers for your installation while providing a custom built look.
- Compact design 18"x 16"x 10" weighing only 18 lbs.
- 4" schedule 40 inlet and 6" schedule 40 exhaust.

1. COST	GBR89 HA
COMPLETE UNIT	**$1,789.00**
3 YEAR WARRANTY	**$650.00**

Enclosure Specifications
Rating:

Ingress Protection (EN 60529): 66/67

Electrical insulation: Totally insulated

Halogen free (DIN/VDE 0472, Part 815): yes

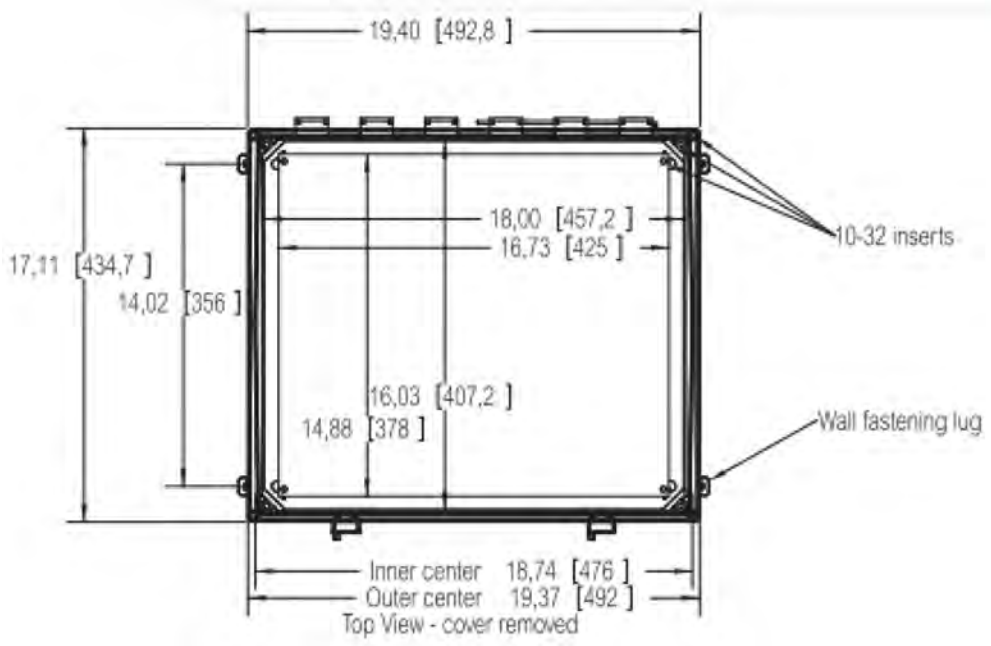
UV resistance: UL 508

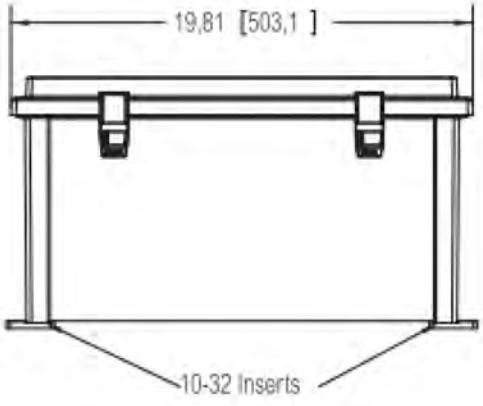
Flammability Rating (UL 746 C 5): complies with UL 508

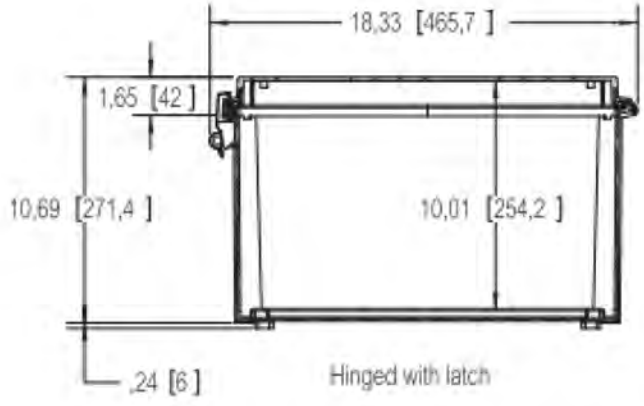
Glow Wire Test (IEC 695-2-1) °C: 960

NEMA Class: UL Type 4, 4X, 6, 6P, 12 and 13

Certificates: Underwriters Laboratories



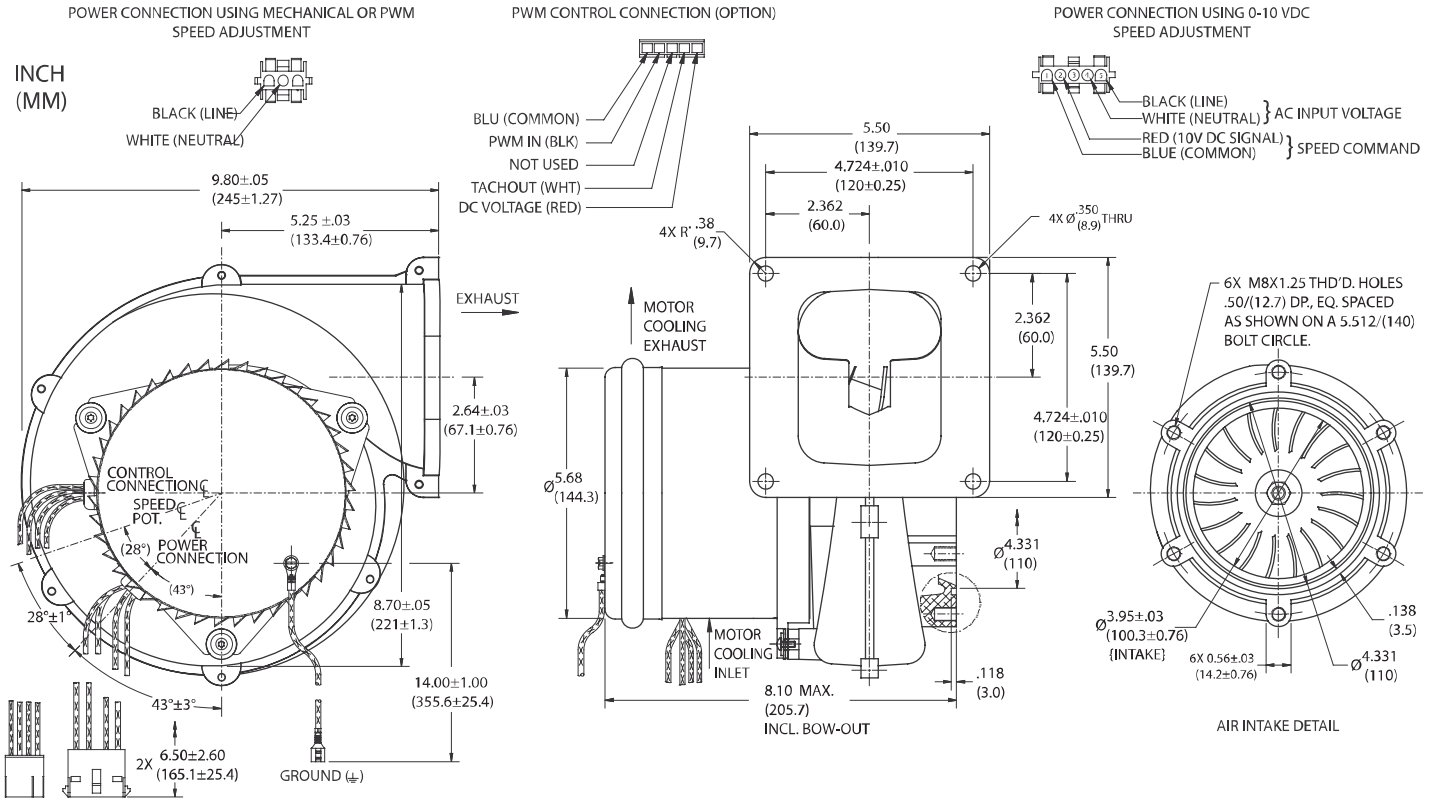




High Voltage Brushless DC Blowers

Nautilair (TM) 8.9" (226mm) Variable Speed Blower

240 Volt AC Input, Single Phase, High Output



		Part/ Model Number		
Specification	Units	150240	150241	150242
Speed Control	-	Mechanical	0-10 VDC	PWM

Notes:

- **Input Voltage Range:** 216 - 264 Volts AC RMS, 50/60 Hz, single phase.
- **Input Current:** 10 amps AC RMS
- **Operating Temperature (Ambient Air and Working Air):** 0°C to 50°C
- **Storage Temperature:** -40°C to 85°C
- **Dielectric Testing:** 1800 Volts AC RMS 60 Hz applied for one second between input pins and ground, 3mA leakage maximum.
- **Speed Control Methods:** PWM (Pulse Width Modulation). Speed control input signal of 15 - 45 VDC @ 500 Hz - 10 kHz, and tachometer output (2 Pulses / Revolution). Optional tachometer output (3 Pulses / Revolution).
  0 to 10 VDC with a speed control input current of 5 mA to 20 mA at 10 VDC Input with multi-turn potentiometer set to minimum resistance (fully clockwise).
  Mechanical: A potentiometer is available for speed control of the blower. The potentiometer can be preset for a specific speed. Access for speed adjustment located in motor housing.
  4-20mA speed control available.
- **Approximate Weight:** 9.3 Lbs. / 4.2 Kg.
- **Option Card available for Customization**
- **Regulatory Agency Certification:** Underwriters Laboratories Inc. UL507 Recognized under File E94403 and CSA C22.2#133 under File LR43448
- **Design Features:** Designed to provide variable airflow for low NOx & CO emission in high efficiency gas fired combustion systems. Built with non-sparking materials. Blower housing assembly constructed of die cast aluminum. Impeller constructed from hardened aluminum. Rubber isolation mounts built into blower construction to dampen vibration within the motor. Two piece blower housing assembly sealed with O-ring gasket for combustion applications. Customer is responsible to check for any leakage once the blower is installed into the final application.
- **Miscellaneous:** Blower inlet, discharge, and all motor cooling inlet and discharge vents must not be obstructed. Motor ventilation air to be free of oils and other foreign particles, (i.e. breathing quality air). Blower is to be mounted so ventilation air cannot be re-circulated.
  POWER CONNECTION (3 CAVITY): Blower connector, AMP Universal MATE-N-LOK, part no. 1-480701-0.
  POWER CONNECTION (5 CAVITY): Blower connector, AMP Universal MATE-N-LOK, part no. 350810-1.
  SPEED CONNECTION (5 CAVITY): Blower connector, Molex Mini-Fit Jr., part no. 39-01-4057.
  Mating harnesses available upon request.

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

AMETEK TECHNICAL & INDUSTRIAL PRODUCTS
627 Lake Street, Kent OH 44240
USA: +1 215-256-6601 - Europe: +44 (0) 845 366 9664 - Asia: +86 21 5763 1258
www.ametektip.com

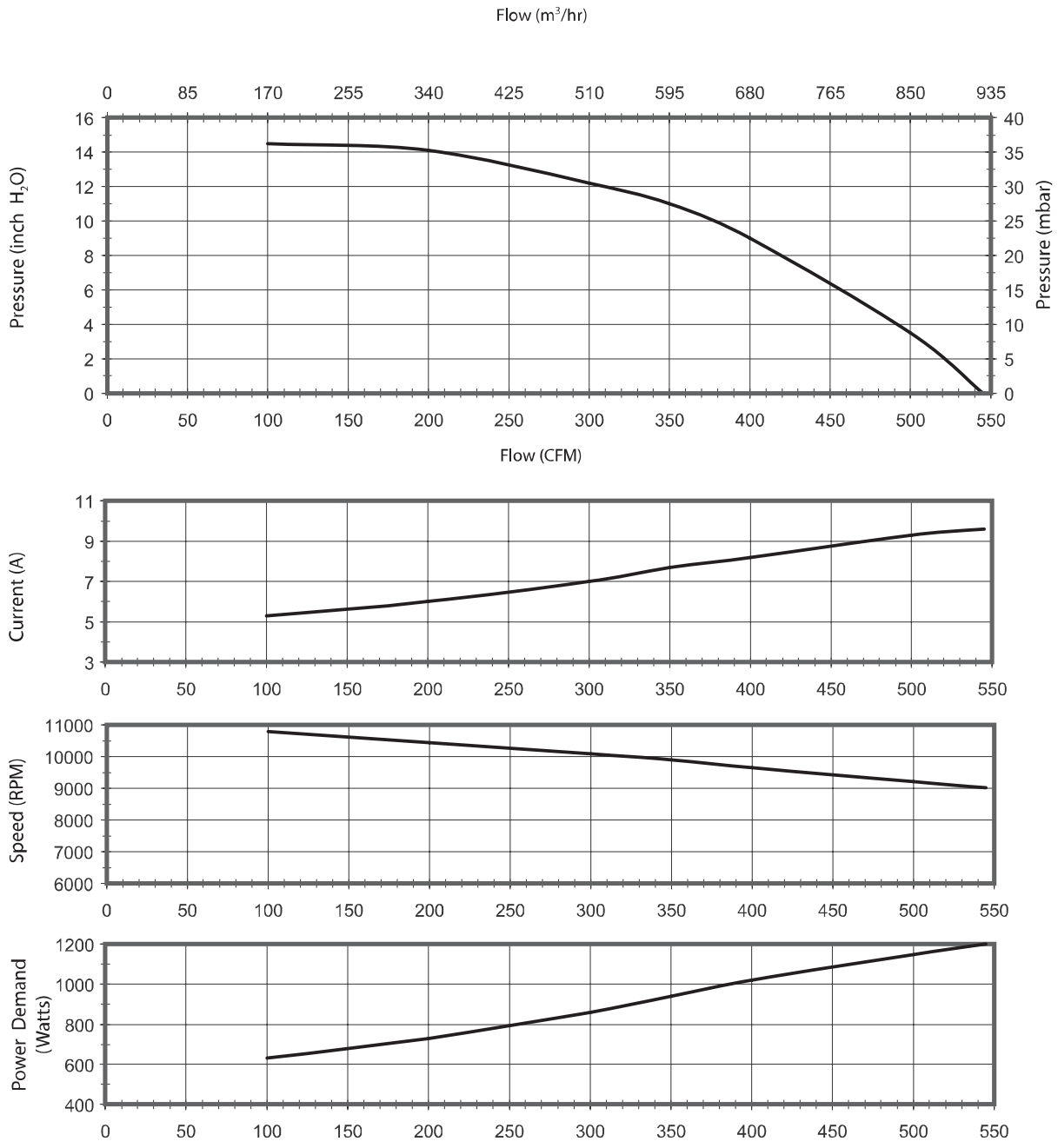
AMETEK
PRECISION MOTION CONTROL

Nautilair (TM) 8.9" (226mm) Variable Speed Blower

240 Volt AC Input, Single Phase, High Output

Nautilair

Typical Performance



Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92" Hg, Sea Level, 68° F)
Vacuum performance available upon request.

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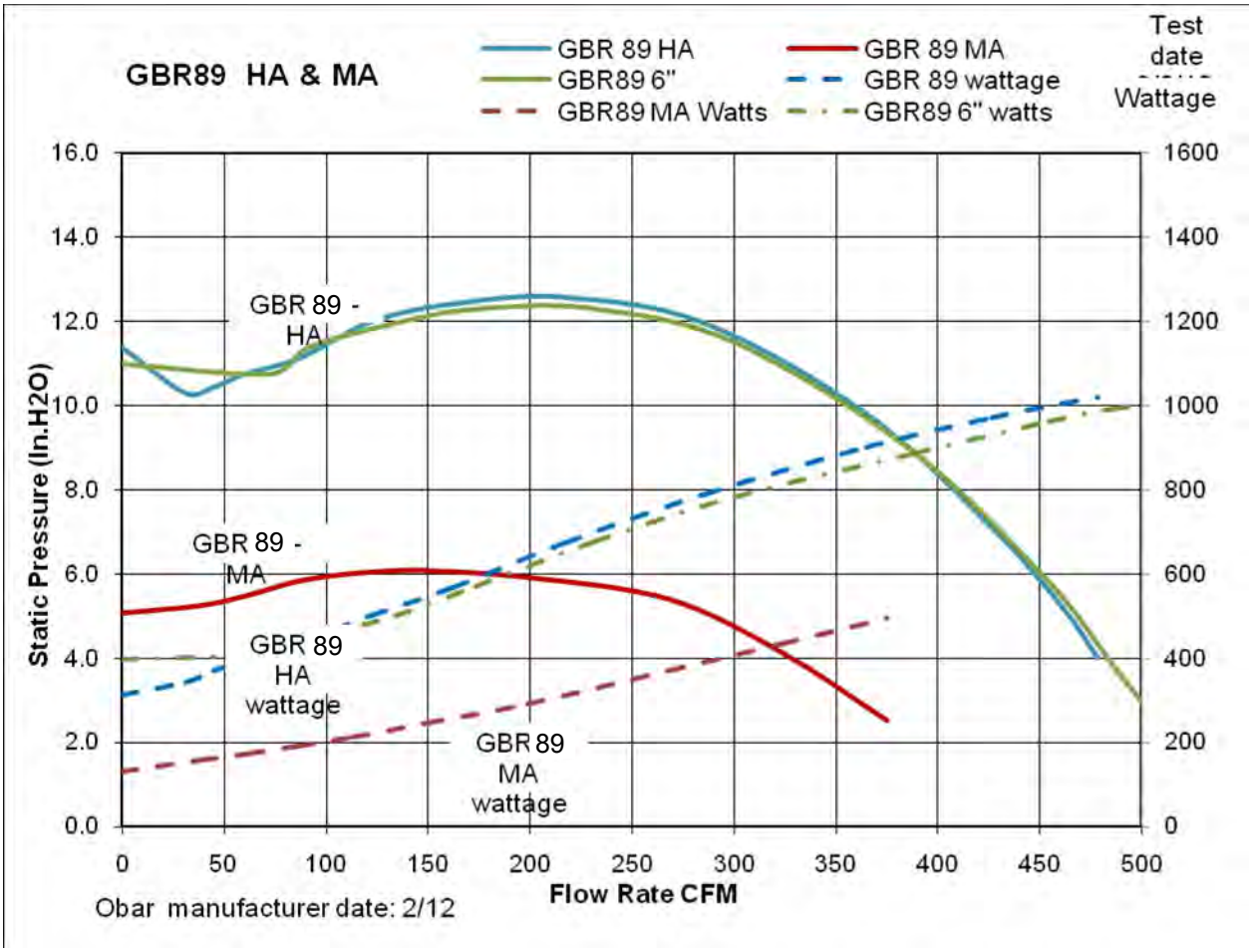
AMETEK
PRECISION MOTION CONTROL

GBR89 HA tested at full voltage with 8 feet of 4" inlet (Blue Lines) and 6" Inlet (Green lines)

Maximum airflow with no exhaust piping and 8' of 6" piping is 529 CFM

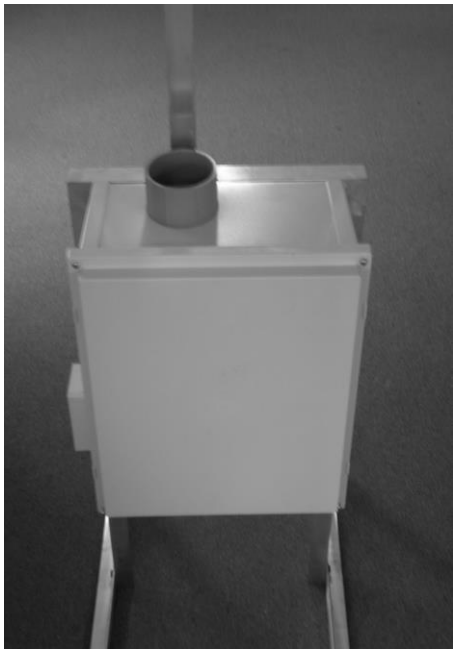
GBR89 MA tested with speed control set to half the wattage consumption (Red Line)



THE OBAR GBR76

COMPACT RADIAL BLOWER

Based on 25 years of experience and 2 years of research and development, the patent pending GBR series of compact radial blowers provide the perfect combination of performance and design.



GBR76 WITH ROOF MOUNT

PERFORMANCE

- GBR76 SOE 16" WC @ 0 Max flow 155 CFM.
- GBR76 UD 40" WC @ 0 Max flow 195 CFM.
- Built in speed control to customize performance.
- Condensate bypass built in.
- 12 month warranty - 40,000 hr sealed bearings.

DESIGN

- Our modular design means the blower and manifold assembly can be removed and replaced as a unit. This makes repairs cost effective and easy and allows contractors to upgrade systems simply by swapping assemblies.
- The GBR series is based on a bypass blower designed to handle combustible materials.
- The housing is not required to be air tight, so you can add gauges and alarms without compromising the system.
- Built in condensate bypass.
- Built in speed control.
- Quick disconnect electrical harness.
- All UL listed components including UL listed enclosure for outside use.
- Wall fastening lugs included.
- GBR series roof and wall mounts available to quickly configure the blowers for your installation while providing a custom built look.
- Compact design 16"x 14"x 8" weighing only 18 lbs.
- 3" schedule 40 inlet and exhaust.
- Universal Drive model accepts voltage from 120-240V without alteration

COST	GBR76 SOE	GBR76 UD
COMPLETE UNIT	**$1289.00**	**$1489.00**
3 YEAR WARRANTY	**$450.00**	**$550.00**

OBAR SYSTEMS INC 2969 ROUTE 23 SOUTH NEWFOUNDLAND NJ 07435 800 949 6227

GBR76 SOE	0”	2”	4”	6”	8”	10”	12”	16”	Wattage
SOE 16	150	140	129	118	105	90	75	35	150-320
SOE 12	125	115	100	83	62	39	0		110-200
SOE 8	105	90	70	42	0				60-120
SOE 4	75	50	0						37-50

GBR SOE performance using built in potentiometer set at sealed vacuums of 16, 12, 8, and 4” WC

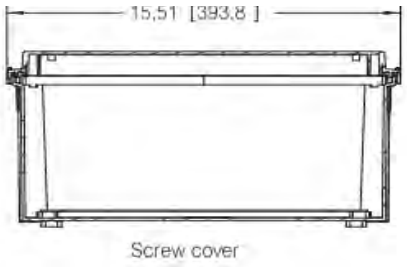
GBR76 UD	0”	10”	20”	30”	37”	Wattage
110V	195	158	118	63	20	700-870
220V	197	162	130	89	50	800-1100

Blower Specifications

Notes:

- **Input Voltage Range:** 108-132 Volts AC RMS, 50/60 Hz, single phase.
- **Input Current:** 6 amps AC RMS
- **Operating Temperature (Ambient Air and Working Air):** 0°C to 50°C
- **Storage Temperature:** -40°C to 85°C
- **Dielectric Testing:** 1500 Volts AC RMS 60 Hz applied for one second between input pins and ground, 3mA leakage maximum.
- **Speed Control Methods:** PWM (Pulse Width Modulation) (1 kHz to 10 kHz)
  0 to 10 VDC speed control.
  Mechanical: A potentiometer is available for speed control of the blower. The potentiometer can be preset for a specific speed. Access for speed adjustment located in motor housing.
- **Approximate Weight:** 4.8 Lbs. / 2.2 Kg
- **Regulatory Agency Certification:** Underwriters Laboratories Inc. UL507 Recognized under File E94403 and compliant under the CE Low Voltage Directive 2006/95/EC.
- **Design Features:** Designed to provide variable airflow for low NOx & CO emission in high efficiency gas fired combustion systems. Built with non-sparking materials. Blower housing assembly constructed of die cast aluminum. Impeller constructed from hardened aluminum. Rubber isolation mounts built into blower construction to dampen vibration within the motor. Two piece blower housing assembly sealed with O-ring gasket for combustion applications. Customer is responsible to check for any leakage once the blower is installed into the final application.
- **Miscellaneous:** Blower inlet, discharge, and all motor cooling inlet and discharge vents must not be obstructed. Motor ventilation air to be free of oils and other foreign particles, (i.e. breathing quality air). Blower is to be mounted so ventilation air cannot be re-circulated.
  POWER CONNECTION: Blower connector, AMP Universal MATE-N-LOK, part no. 1-350943-0.
  SPEED CONNECTION: Blower connector, Molex Mini-Fit Jr., part no. 39-30-3056.
  Mating harnesses available upon request.

Enclosure Specifications



Ratings:

Ingress Protection (EN 60529): 66/67

Electrical insulation: Totally insulated

Halogen free (DIN/VDE 0472, Part 815): yes

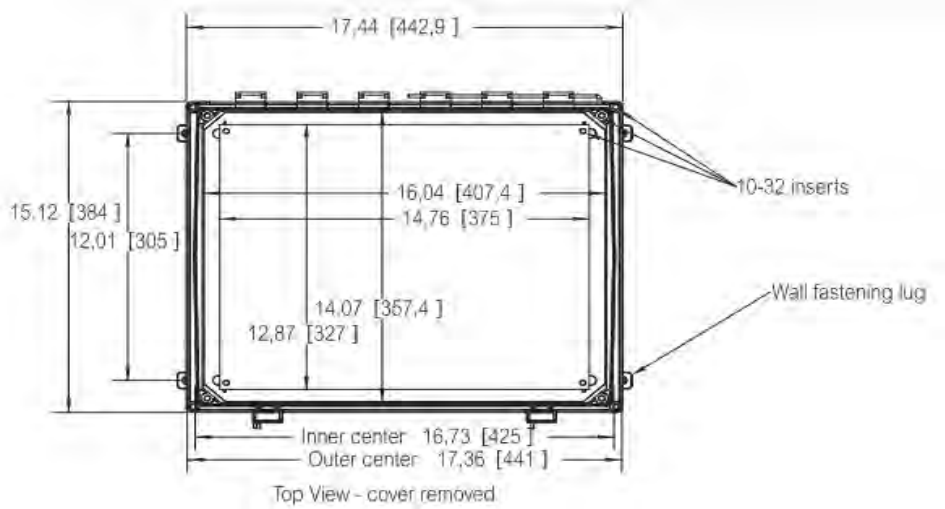
UV resistance: UL 508

Flammability Rating (UL 746 C 5): complies with UL 508

Glow Wire Test (IEC 695-2-1) °C: 960

NEMA Class: UL Type 4, 4X, 6, 6P, 12 and 13

Certificates: Underwriters Laboratories



GBR 25 Mini Digital Differential Pressure Gauge With Alarm

System alarms and monitoring made simple and affordable.

Finally a product that has what you need and can be easily installed.
The GBR 25 is a compact stand alone system gauge with an audible and visual alarm that works for VOC and Radon systems operating at system pressures greater than 2" wc. Included is a second relay that can be used to trigger additional alarms.
Includes Power supply
Optional 4-20 MA or 0-10 outputs can be used to monitor system pressure.

Contact OBAR for a quote to build custom alarm panels for your needs.

Applications and features

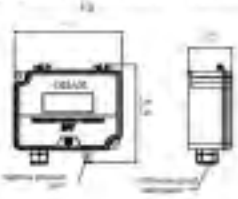
- Scale 0-40 inches WC eliminates need for multiple gauges.
- Visual and audible alarm included and factory set at 1" WC The alarm set point can be changed in the field.
- Second adjustable relay for triggering additional alarms.
- Optional 4-20 MA or 0-10 output for data.
- Accuracy is up to ±1% FS, with large LCD display.
- Function keys: zero reset, units select, display update time, automatic sleep time, alarm, etc.

Specifications

Medium: Non-combustible, non-corrosive air, insensitive to moisture, dust, condensation and oil
Working Temp.: 20~70°C
Medium Temp.: 0~60°C
Temp. Compensation: 0~50°C
Working Pressure: overload 10xFS, burst 15xFS
Display: 5 bits LCD, with engineering unit & backlight
Output: 0-10V / 4-20mA (3 wires)
Output load: ≤500Ω (current), ≥2KΩ (voltage)
Relay Output: 2×SPST, 3A/30VDC, 3A/250VAC or 1xBuzzer
Accuracy: up to ±1.0%FS(±2.0%FS@25Pa range)
Long term stability: ±0.5%FS /Year
Thermal effect: <0.05%FS/°C (zero), <0.08%FS/°C(FS)
Power type 16~28VDC/AC
24V Power Supply included
Process Connection: 5mm ID tubing, two pairs (left/back)
Keys: 3 touch buttons
Protection: IP54
Approval: CE
Display update time: selectable for 0.5/1/5/10s (default 1s)

Other OBAR products you may be interested in.

DPT(DPT-F Flush Mount) Differential Pressure Transmitter



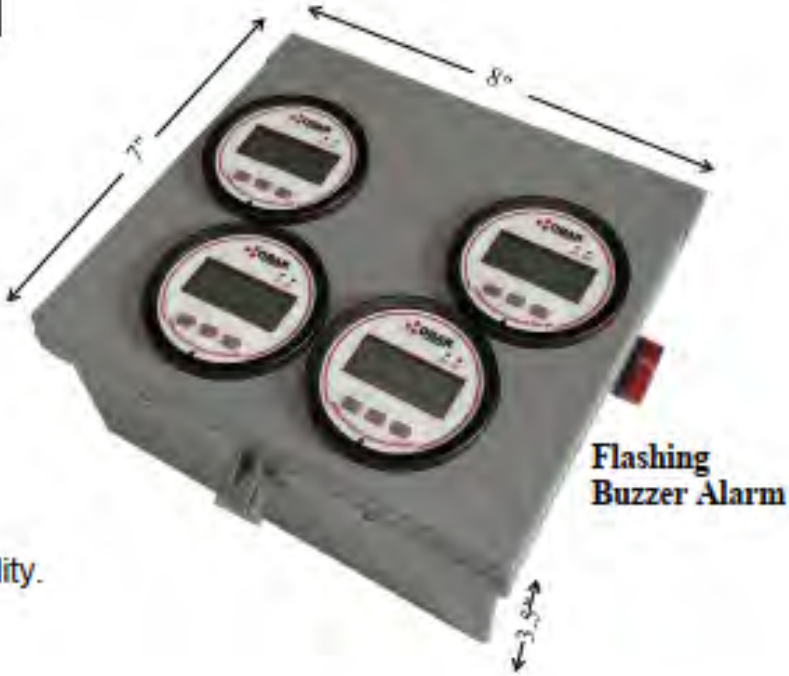
Pricing: $125 per unit

Add $20 for 4-20 mA / 0-10V version

Custom options and bulk order pricing available. Call or email for details.

OBAR Systems, Inc. **800-949-OBAR** **wholesale@obarsystems.com**

Low Profile Custom Alarm Panel



Features

Pre-wired solution for SSDS systems.

Vacuum tube connections pre-labeled to corresponding gauge.

Hinge orientation can be customized.

Secondary relay can be used for secondary alarm/MarCell Pro monitor or upgrade to a 4-20 mA/0-10v output for remote monitoring capability.

Low profile, wall mountable design.

Power supply included.

Custom labeling available.

GALLAGHER BASSETT | TECHNICAL SERVICES

February 25, 2025

Marlen Salazar, Project Manager
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, New York 11101 via e-mail: marlen.salazar@dec.ny.gov

Re: Indoor Air Sampling Work Plan
871 Elton Avenue Borough of Bronx, New York
NYSDEC Site No.: C203014
GBTS Project: 21003-0155/ Ref. LB03027

Dear Ms. Salazar:

This Indoor Air Sampling Work Plan, prepared by Gallagher Bassett Technical Services (GBTS), discusses the proposed procedures for a soil vapor intrusion study to be conducted at 871 Elton Avenue in the Bronx, New York ("Site"). Fieldwork is proposed for the 2024-2025 heating season)

INTRODUCTION

The Site is an irregularly shaped 0.67-acre parcel with frontage on the northern side of East 160th Street, southern side of East 161st Street, and western side of Elton Avenue. The Site is currently developed with a nine-story mixed-use building with office space and community rooms at the first floor and residential units on the upper floors. The building is approximately U-shaped and contains three main wings serviced by three independent sub-slab depressurization (SSD) systems, which were installed during redevelopment to address elevated levels of volatile organic compounds (VOCs) in sub-slab vapors.

A New York State Department of Environmental Conservation (NYSDEC) letter dated December 31, 2024, providing comments on a Draft Corrective Measures Work Plan (CMWP), requested a work plan be prepared and submitted for indoor air quality sampling within the 2024-2025 heating season to verify there is no on-going soil vapor intrusion within the building. A February 13, 2025 email from the New York State Department of Health (NYSDOH) also requested that a second round of indoor air samples be collected after implementation of the CMWP to verify that the corrective measures prevent sub-slab vapor from entering occupied interior space.

FIELDWORK METHODOLOGY

General Protocols

All fieldwork performed by GBTS will be conducted in general conformance with protocols set forth in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006) and subsequent updates.

22 IBM Road, Suite 101
Poughkeepsie, NY 12601
O: 845-867-4715
www.gallagherbassett.com

Pre-Sampling Activities

A pre-sampling building questionnaire and product inventory will be completed by GBTS immediately before sampling. These inspections will include a visual assessment of fieldwork areas in order to identify any materials that may interfere with sampling (e.g. the presence of chemicals that contain VOCs).

Sample Collection

Two rounds of indoor air sampling are proposed. The results from the initial sampling event will be reviewed with NYSDEC and NYSDOH to finalize the CMWP. After implementation of the CMWP, an additional round of indoor air sampling will be performed.

Four (4) indoor air samples and one outdoor ambient air sample are proposed for each sampling event. All samples will be collected into laboratory supplied 6-liter Summa Canisters equipped with 24-hour flow regulators. All sampling valves will be properly closed after a sampling period of approximately 24-hours, with each canister maintaining a final negative internal pressure. A Proposed Fieldwork Map is provided as an attachment.

Samples will be transported via courier to York Analytical Laboratories, Inc. (NYSDOH ELAP Certification Number 10854) for analysis. Appropriate chain-of-custody procedures will be followed. All samples will be submitted for analysis of VOCs utilizing USEPA Method TO-15. NYSDEC Analytical Services Protocol Category B deliverables will be requested from the testing laboratory and forwarded to an independent third party data validator for completion of a Data Usability Summary Report.

Indoor air samples will be collected from common hallways on the first floor, including at the north, central and southern wings and an additional indoor air sample will be collected from a common hallway in the cellar of the building (located beneath the central wing only). All samples will be collected from the breathing zone by placing the sampling canisters on an elevated surface, as appropriate. The outdoor ambient air sample will be collected from an upwind or cross-wind location (the secured parking lot is proposed in order to prevent potential vandalism to the sampling canister).

INDOOR AIR SAMPLING SUMMARY REPORT

GBTS will prepare an Indoor Air Sampling Report detailing all fieldwork activities, analytical results, data comparison to applicable standards, criteria, and guidance, and providing recommendations regarding future SSD system operation.

Please review this document and contact Erick Salazar at (845) 867-4716 should you have any questions or require additional information.

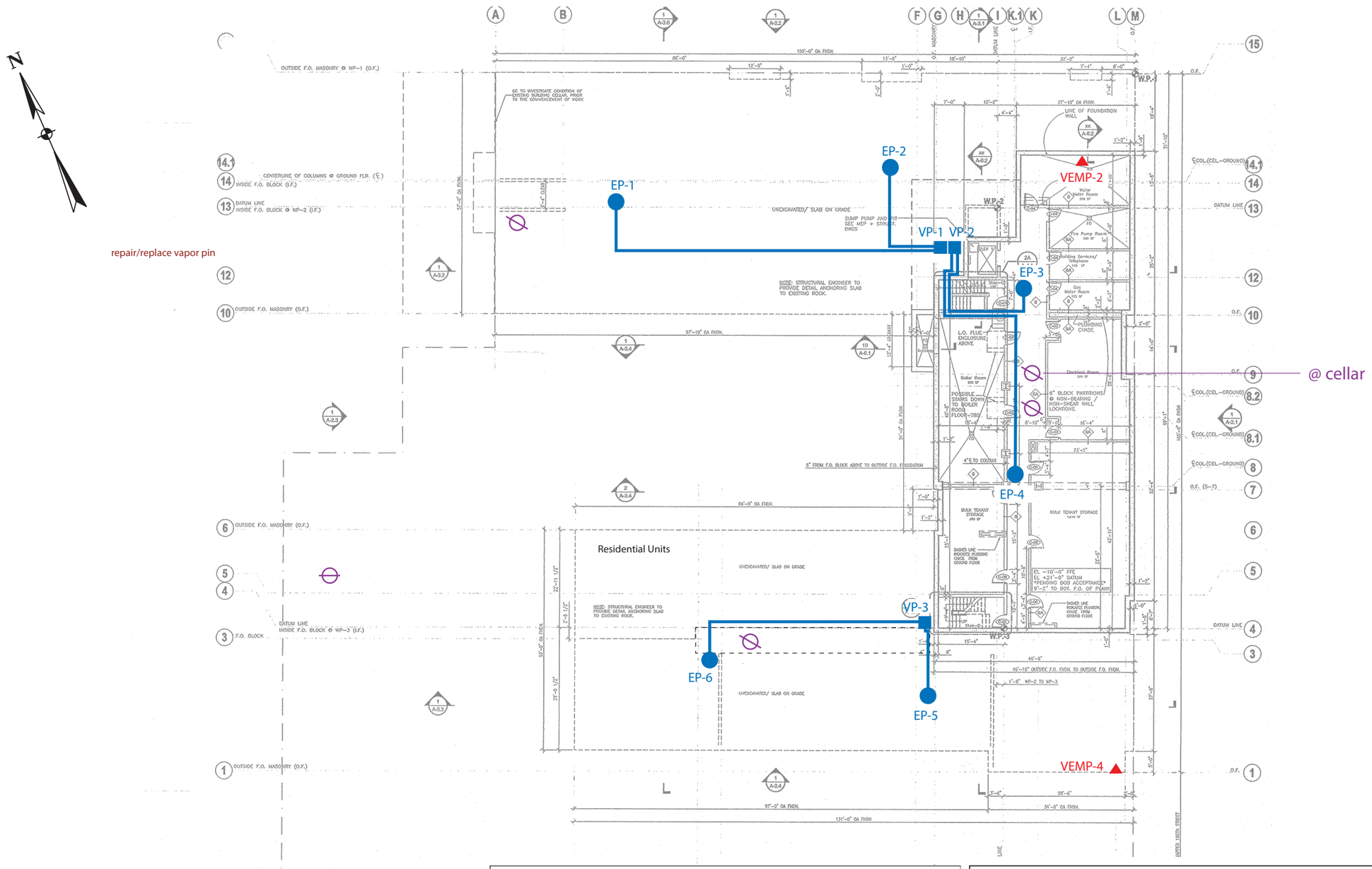
Respectfully submitted,
Gallagher Bassett Technical Services

Erick Salazar
Environmental Consultant

Reviewed by,
Gallagher Bassett Technical Services

Scott Spitzer
Technical Director, Environmental Consulting

Attachment: Proposed Fieldwork Map



Legend:

- Extraction point (EP)
- Vertical pipes (VP)
- Vapor extraction monitoring point (VEMP)
- Connecting pipes
- proposed indoor air sample location
- proposed outdoor ambient air sample location

Proposed Fieldwork Map

Parkview Commons Site
871 Elton Avenue
Borough of Bronx
Bronx County, New York

File: 21003-0155

Not to scale

February 2025 | Attachment

Note: To be used to install vapor extraction monitoring points only. For all other details, use other applicable drawings.
Source: Map based on Magnusson Architecture & Planning PC - Cellar Construction Plan Drawing #A-1.1

APPENDIX B

Letter Report of Indoor Air Sampling (April 21, 2025)

April 21, 2025

Marlen Salazar, Project Manager
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City. New York 11101 via e-mail: marlen.salazar@dec.ny.gov

Re: Letter Report of Indoor Air Sampling
871 Elton Avenue, Borough of the Bronx, New York
NYSDEC Site No.: C203014
GBTS Project: 21002-0155/ Ref. LB03027

Dear Ms. Salazar:

This Letter Report of Indoor Air Sampling summarizes the results of indoor air quality testing conducted by Gallagher Bassett Technical Services (GBTS) at the above referenced property (the "Site") on March 12 and 13, 2025.

INTRODUCTION

The Site is an irregularly shaped 0.67-acre parcel with frontage on the northern side of East 160th Street, southern side of East 161st Street, and western side of Elton Avenue. The Site is currently developed with a nine-story mixed-use building with office space and community rooms at the first floor and residential units on the upper floors. The building is approximately U-shaped and contains three main wings (northern and southern wings that are slab on grade and a central wing containing a cellar) serviced by three independent sub-slab depressurization systems (SSDS), installed during redevelopment to address elevated levels of volatile organic compounds (VOCs), including petroleum related compounds (1,2,4-trimethylbenzene, benzene, toluene, xylenes) and chlorinated VOCs (chloroform, dichlorodifluromethane, PCE, trichlorofluromethane) that were detected in sub-slab vapors.

A New York State Department of Environmental Conservation (NYSDEC) letter dated December 31, 2024, providing comments on a Draft Corrective Measures Work Plan (CMWP), requested a work plan be prepared and submitted for indoor air quality sampling within the 2024-2025 heating season to verify there is no on-going soil vapor intrusion within the building considering the SSDS servicing the southern wing is off-line. A February 13, 2025 email from the New York State Department of Health (NYSDOH) also requested a second round of indoor air sampling after implementation of the CMWP to verify the efficacy of the corrective measures. This Letter Report summarizes the results of the first round of indoor air sampling prior to implementation of the CMWP, which was approved via email on April 4, 2025.

The indoor air sampling plan targeted the partial cellar and common areas at the first floor. A copy of the fieldwork map is provided as Attachment A.

FIELDWORK METHODOLOGY

General Protocols

All fieldwork performed by GBTS was conducted in general conformance with protocols set forth in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006) and subsequent updates. All field personnel wore dedicated, disposable gloves during relevant fieldwork activities.

Pre-Sampling Building Inspection

A pre-sampling building inspection was conducted by GBTS personnel on March 12, 2025. The inspection consisted of a visual assessment of the sample areas in order to note physical conditions relevant to the sampling and to identify any on-Site activities and/or materials that may interfere with the sampling (e.g., the presence of materials that contain VOCs). A photoionization detector (PID) was used to screen indoor air. A copy of the Indoor Air Quality Questionnaire and Building Inventory is provided in Attachment B.

Potential sources of VOC interference in the partial cellar included paint products and miscellaneous maintenance materials, including latex paint, spray paint cans, containers of floor enamel, miscellaneous adhesives, cleaning and pest control products, and air fresheners, located in the Telephone Room and Bulk Tenant Storage room (in the vicinity of sample IA-04). The Site superintendent also frequently sprays all common areas with Gardeo®, which is a disinfectant and odor eliminator. Ambient PID readings at the cellar were generally 0.0 parts per million (ppm), except at the east storage room located at the southeastern corner of the cellar, where background readings were 3.4 ppm. Potential sources of VOC interference noted in the first floor included household cleaning supplies and disinfectant wipes at the second community room; ambient PID readings at the first floor were 0.0 ppm.

A copy of the Structure Sampling Building Questionnaire and Product Inventory form is provided as Attachment B.

Sample Collection

Indoor air was collected from commons areas on the first floor as follows: IA-01 in the southern hallway; IA-02 in the central wing community room; and, IA-03 in an office at the northern wing. IA-04 was collected from the centrally located common hallway at the partial cellar, which is situated beneath the central wing only. One exterior sample (OA-01) was collected for comparison purposes to assess ambient outdoor air quality in the vicinity of the building. The samples were collected into 6-liter Summa canisters (equipped with 24-hour flow controllers) placed on March 12 and retrieved on March 13, 2025. The samples were transported via courier to York Analytical Laboratories, a NYSDOH-certified laboratory (ELAP Certification Number 10854) for chemical analysis. Appropriate chain-of-custody procedures were followed.

LABORATORY ANALYSIS

Standards, Criteria, and Guidance

The NYSDOH has developed several air guideline values (AGVs) for concentrations of chemicals in indoor air, including PCE, TCE, and methylene chloride. The objective of comparing indoor data to AGVs is to provide guidance on decisions relevant to preventing the risk of exposure to these compounds. Where no AGVs are established, the NYSDOH uses USEPA air quality data (background levels), along with other similar database sources, when assessing indoor air quality. The 90th percentile contaminant concentrations contained in the USEPA 2001: Building Assessment and Survey Evaluation (BASE) database were used, where appropriate, as initial benchmarks to evaluate indoor air quality data.

Laboratory Results

A summary of the results of the laboratory analyses is presented below. A data summary table and the laboratory report are provided as Attachments C and D, respectively.

Several VOCs were detected in all samples, including the outdoor ambient air sample; however, no compounds were detected above established AGVs. Four compounds were detected above the 90th percentile contaminant concentrations as established in the BASE database (maximum values noted), including 1,4-dichlorobenzene (IA-04, 69 µg/m³, BASE 5.5 µg/m³), acetone (IA-03, 110 µg/m³, BASE 98.9 µg/m³), chloroform (IA-04, 3 µg/m³, BASE 1.1 µg/m³), and ethyl acetate (IA-03, 44 µg/m³, BASE 5.4 µg/m³). The detections above the 90th percentile BASE values were limited to the cellar, which contains utility and storage space, and the northern wing, which contains commercial office and retail space, including a clothing, houseware and bedding store. Other than chloroform, no contaminants of concern identified in previous sub-slab vapor samples exceeded their respective BASE values. Isopropanol was detected at elevated levels (max value 420 µg/m^3 at IA-03); however, no AGV or BASE value has been established for this compound and it is likely attributable to hand sanitizers or other common sanitizers.

Sixteen VOCs detected in all indoor air samples were also reported in the outdoor ambient air sample with eleven of these VOCs (68%) reported at lower or similar levels compared to outdoor air.

CONCLUSIONS

The indoor and outdoor air samples did not document VOCs in concentrations above NYSDOH AGVs. Four VOCs were detected at levels exceeding the 90th percentile contaminant concentrations as presented in the BASE database. Potential sources of VOC interference noted at the first floor include household cleaning supplies and disinfectant wipes. Potential sources of VOC interference at the partial cellar include storage areas containing paints, cleaners, and miscellaneous building maintenance supplies.

Laboratory data are not consistent with vapor intrusion from a significant sub-slab source area and are likely to be due to VOC interference from building activities and poor-quality air in the vicinity of the Site. These findings support the conclusion that the SSDS are preventing vapor intrusion despite the southern wing being off-line.

It is recommended that the DEC-approved CMWP be implemented and a second round of indoor air testing be completed after implementation to verify the efficacy of the repairs.

Please call Erick Salazar at (845) 867-4716 should you have any questions or comments. We appreciate the opportunity to provide this service to you and look forward to working with you in the future.

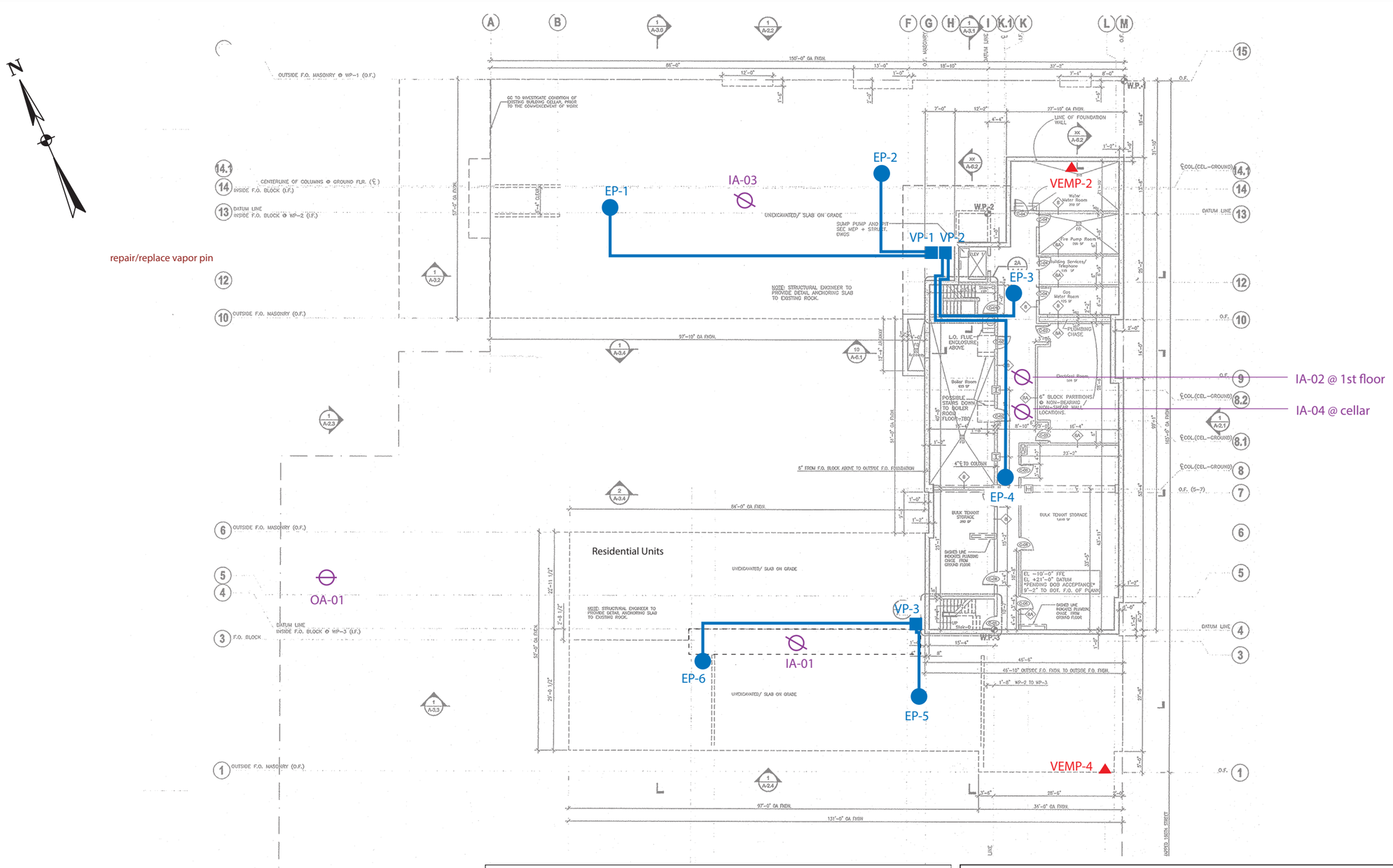
Sincerely,

Erick Salazar	Richard Hooker
Project Manager	Manager – Environmental Consulting
Gallagher Bassett Technical Services	Gallagher Bassett Technical Services

Attachments:
A - Fieldwork Map
B - Structure Sampling Building Questionnaire and Product Inventory Form
C - Data Summary Table
D - Laboratory Report

ATTACHMENT A

Fieldwork Map



Legend:

- Extraction point (EP)
- Vertical pipes (VP)
- Vapor extraction monitoring point (VEMP)
- Connecting pipes
- indoor air sample location
- outdoor ambient air sample location

Note: To be used to install vapor extraction monitoring points only. For all other details, use other applicable drawings.
Source: Map based on Magnusson Architecture & Planning PC - Cellar Construction Plan Drawing #A-1.1

Fieldwork Map

Parkview Commons Site
871 Elton Avenue
Borough of Bronx
Bronx County, New York

File: 21003-0155

Not to scale

April 2025 | Attachment

ATTACHMENT B

Structure Sampling Building Questionnaire and Product Inventory Form

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Site No. : C203014 **Site Name :** Parkview Commons

Date: 3/12/25 **Time:** _____

Structure Address : 871 Eltam Ave, Bronx NY

Preparer's Name & Affiliation : Jay Schmidt. Env. Consultant

Residential ? ☒ Yes ☐ No **Owner Occupied ?** ☐ Yes ☒ No **Owner Interviewed ?** ☐ Yes ☒ No

Commercial ? ☒ Yes ☐ No **Industrial ?** ☐ Yes ☒ No **Mixed Uses ?** ☒ Yes ☐ No

Identify all non-residential use(s) : Offices, pharmacy, retail

Owner Name : _____ **Owner Phone :** ( ) _____ - _____

Secondary Owner Phone : ( ) _____ - _____

Owner Address (if different) : _____

Occupant Name : _____ **Occupant Phone :** ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : _____

Additional Owner/Occupant Information : _____

Describe Structure (style, number floors, size) : _____

Approximate **Year Built :** 2006 **Is the building Insulated?** ☐ Yes ☐ No

Lowest level : ☐ Slab-on-grade ☒ Basement ☐ Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : Mechanical + utility space

Cellar is only partial of footprint

Floor Type: ☒ Concrete Slab ☐ Dirt ☐ Mixed : _____

Floor Condition : ☒ Good (few or no cracks) ☐ Average (some cracks) ☐ Poor (broken concrete or dirt)

Sumps/Drains? ☒ Yes ☐ No Describe : _____

Identify other floor penetrations & details : typical drains & wall penetrations for pipes / utilities

Wall Construction : ☒ Concrete Block ☐ Poured Concrete ☐ Laid-Up Stone

Identify any wall penetrations : _____

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : _____

Heating Fuel : ☐ Oil ☐ Gas ☐ Wood ☒ Electric ☐ Other : _____

Heating System : ☐ Forced Air ☒ Hot Water ☐ Other : _____

Hot Water System : ☒ Combustion ☐ Electric ☐ Boilermate ☐ Other: _____

Clothes Dryer : ☐ Electric ☒ Gas Where is dryer **vented** to? Roof

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.) : _____

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : Roof

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

Storage of misc. cleaners & paints @ cellar

Attached garage ? ☐ Yes ☒ No Air fresheners ? ☒ Yes ☐ No

New carpet or furniture ? ☐ Yes ☒ No What/Where ? _____

Recent **painting** or **staining** ? ☐ Yes ☒ No Where ? : _____

Any **solvent** or **chemical-like** odors ? ☒ Yes ☐ No Describe : Site Super sprays pine air freshener throughout building

Last time **Dry Cleaned** fabrics brought in ? _____ What / Where ? _____

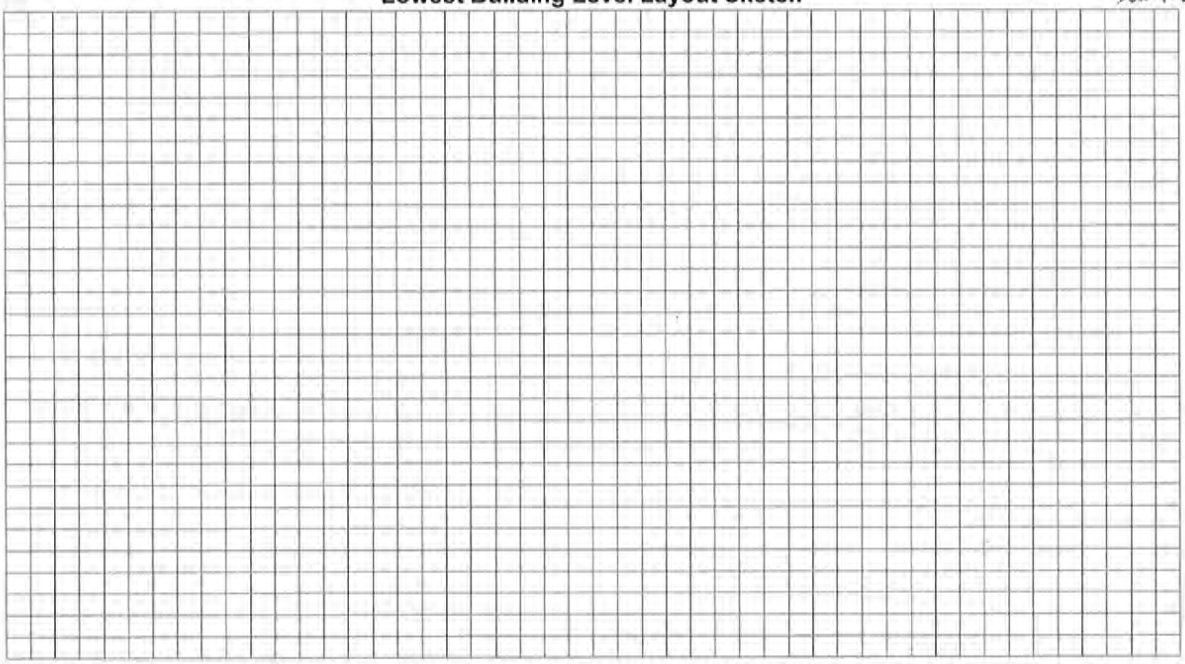
Do any building occupants use solvents at work ? ☐ Yes ☐ No Describe : _____

Any testing for Radon ? ☐ Yes ☒ No Results : _____

Radon System/Soil Vapor Intrusion Mitigation System present ? ☒ Yes ☐ No If yes, describe below

SSDS servicing north, ☒ central & southern wings. SSDS for South wing offline

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#######	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling - Product Inventory

Homeowner Name & Address: 871 Elton Ave Date: 3/12/25

Samplers & Company: GZTS Structure ID:

Site Number & Name: Parkview Commons C203014 Phone Number:

Make & Model of PID: MiniRAE Date of PID Calibration: 3/12/25

Identify any Changes from Original Building Questionnaire :

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Ben Moore: Super Hide Latex Paint (5gal)	3	Titanium dioxide, Ethylene glycol	0.0	Telephone Room
Statewide coatings 5 gal paint	2	Titanium dioxide, Polyvinyl Acetate, Propylene Glycol, Hydrated Aluminum Silicate, Acrylic Polymer	0.0	Telephone Room
Crown-muriatic acid	1	muriatic acid, Baume	0.0	Cellar corridor
Ben Moore: Super Hide Latex Paint (5 gal)	10	Titanium dioxide, Ethylene glycol	2.5	Dog/storage room (W)
Behr Paint-1 gal	2	Titanium dioxide, crystalline silica	1.7	" "
Odor Ban	3	dimethyl Benzyl ammonium chloride	3.0	" "
Fix All paint (1 gal)	2	Titanium Dioxide	1.4	" "
Majestic Bleach (1 gal)	1		3.0	" "
Tilex	1	see photo	3.0	" "
Krylon spray paint (12oz)	1		3.0	
Spray Nine degreaser	1	dimethyl benzyl ammonium chloride dimethyl ethylbenzyl ammonium chloride	3.0	" "
Simple fix grout	2	silica sand, styrene-acrylic polymer, titanium dioxide, ethylene glycol	3.1	" "
Tom cat rodent repellent	1	see photo	2.9	" "
Homax wall texture spray	1	see photo	3.2	" "
Fantastik	1	see photo	3.3	" "
SprayPAK baseboard Stripper	1	see photo	3.2	" "
Loctite: Tile Foam	1	see photo	3.3	" "
USG All purpose joint compound	1	see photo	3.1	" "
PVC-plastic pipe cement	1	see photo	6.1	" "
Weldwood-contact cement	1	see photo	3.3	" "

Telephone Room

cellar corridor

Dog/ire room ↑ 3.4 ppm

Storage Room - East

Name	Quantity	Chemicals	PID	Location
Krylon - High heat spray	1	see photo	0.0	Storage - East
Champion - Dust N' More	~ 100	Petroleum Distillate	0.3	" "
SprayPAK baseboard Stripper	9	See photo	0.0	" "
Focus - NC 111	2	See photo	0.0	" "
OdoBan - disinfectant	6	see photo	0.0	" "
Majestic - Bleach	30	Bleach	0.0	" "
Kammson power stripper (5gal)	4	See photo	0.0	" "
Ben Moore - super hide paint (5 gal)	15	See photo	0.0	" "
Statewide coatings Floor enamel	10	see photo	0.0	" "

ATTACHMENT C

Data Summary Table

Table : VOCs in Soil Vapor

NYSDEC Project Number: C203014

GBTS Project: 21003-0155

Sample ID	IA-01		IA-02		IA-03		IA-04		OA-01	
All data in µg/m³ Sample Date	2024-03-03		2024-03-03		2024-03-03		2024-03-03		2024-03-03	
U= Not Detected ≥ value Dilution Factor	1.045		0.934		1.396		1.045		0.802	
VOCs, TO-15	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
1,1,1,2-tetrachloroethane	0.72	*U*	0.64	*U*	0.51	*U*	0.72	*U*	0.55	*U*
1,1,1-trichloroethane (TCA)	0.57	*U*	0.51	*U*	0.41	*U*	0.57	*U*	0.44	*U*
1,1,2,2-tetrachloroethane	0.72	*U*	0.64	*U*	0.51	*U*	0.72	*U*	0.55	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	0.8	*U*	0.72	*U*	0.57	*U*	0.8	*U*	0.61	*U*
1,1,2-trichloroethane	0.57	*U*	0.51	*U*	0.41	*U*	0.57	*U*	0.44	*U*
1,1-dichloroethane	0.42	*U*	0.38	*U*	0.3	*U*	0.42	*U*	0.32	*U*
1,1-dichloroethene (1,1-DCE)	0.41	*U*	0.37	*U*	0.29	*U*	0.41	*U*	0.32	*U*
1,2,4-trichlorobenzene	0.78	*U*	0.69	*U*	0.55	*U*	0.78	*U*	0.6	*U*
1,2,4-trimethylbenzene	0.51	*D*	0.46	*U*	0.62	*D*	1.4	*D*	0.43	*D*
1,2-dibromoethane	0.8	*U*	0.72	*U*	0.57	*U*	0.8	*U*	0.62	*U*
1,2-dichlorobenzene	0.63	*U*	0.56	*U*	0.45	*U*	0.63	*U*	0.48	*U*
1,2-dichloroethane	0.42	*U*	0.38	*U*	0.3	*U*	0.42	*U*	0.32	*U*
1,2-dichloropropane	0.48	*U*	0.43	*U*	0.34	*U*	0.48	*U*	0.37	*U*
1,2-dichlorotetrafluoroethane	0.73	*U*	0.65	*U*	0.52	*U*	0.73	*U*	0.56	*U*
1,3,5-trimethylbenzene	0.51	*U*	0.46	*U*	0.37	*U*	0.51	*U*	0.39	*U*
1,3-butadiene	0.69	*U*	0.62	*U*	0.49	*U*	0.69	*U*	0.53	*U*
1,3-dichlorobenzene	0.63	*U*	0.56	*U*	0.45	*U*	0.63	*U*	0.48	*U*
1,3-dichloropropane	0.48	*U*	0.43	*U*	0.34	*U*	0.48	*U*	0.37	*U*
1,4-dichlorobenzene	4	*D*	12	*D*	1.7	*D*	69	*D*	0.48	*U*
2,2,4-trimethylpentane	0.75	*U*	0.67	*U*	0.54	*U*	0.75	*U*	0.58	*U*
1,4-dioxane	0.49	*D*	0.44	*D*	0.59	*D*	2.8	*D*	0.52	*D*
2-butanone	1.3	*D*	0.83	*D*	1.9	*D*	1.5	*D*	3.4	*D*
2-hexanone	0.86	*U*	0.77	*U*	0.61	*U*	0.86	*U*	0.66	*U*
3-chloropropene	1.6	*U*	1.5	*U*	1.2	*U*	1.6	*U*	1.3	*U*
4-methyl-2-pentanone	0.43	*U*	0.38	*U*	0.85	*D*	0.43	*U*	0.56	*D*
acetone	13	*D*	21	*D*	110	*D*	20	*D*	13	*D*
acrylonitrile	0.59	*D*	0.2	*U*	5	*D*	0.23	*U*	0.17	*U*
benzene	0.77	*D*	1.7	*D*	1.8	*D*	1.6	*D*	1	*D*
benzyl chloride	0.54	*U*	0.48	*U*	0.39	*U*	0.54	*U*	0.42	*U*
bromodichloromethane	0.7	*U*	0.63	*U*	0.5	*U*	0.7	*U*	0.54	*U*
bromoform	1.1	*U*	0.97	*U*	0.77	*U*	1.1	*U*	0.83	*U*
bromomethane	0.41	*U*	0.36	*U*	0.29	*U*	0.41	*U*	0.31	*U*
carbon disulfide	0.33	*U*	0.29	*U*	0.23	*U*	0.33	*U*	0.25	*U*
carbon tetrachloride	0.46	*D*	0.47	*D*	0.47	*D*	0.53	*D*	0.4	*D*
chlorobenzene	0.48	*U*	0.43	*U*	0.34	*U*	0.48	*U*	0.37	*U*
chloroethane	0.28	*U*	0.25	*U*	0.2	*U*	0.28	*U*	0.21	*U*
chloroform	0.77	*D*	0.46	*U*	2.5	*D*	3	*D*	0.39	*U*
chloromethane	1.1	*D*	1.4	*D*	1.8	*D*	0.88	*D*	0.94	*D*
cis-1,2-dichloroethene (cis-DCE)	0.41	*U*	0.37	*U*	0.29	*U*	0.41	*U*	0.32	*U*
cis-1,3-dichloropropene	0.47	*U*	0.42	*U*	0.34	*U*	0.47	*U*	0.36	*U*
cyclohexane	0.36	*U*	0.32	*U*	0.26	*D*	0.9	*D*	0.28	*U*
dibromochloromethane	0.89	*U*	0.8	*U*	0.63	*U*	0.89	*U*	0.68	*U*
dichlorodifluoromethane	2.2	*D*	2.3	*D*	2.2	*D*	2.2	*D*	2.1	*D*
ethyl acetate	5.7	*D*	2	*D*	44	*D*	5.9	*D*	35	*D*
ethylbenzene	0.45	*U*	0.41	*U*	0.81	*D*	1.2	*D*	0.38	*D*
hexachlorobutadiene	1.1	*U*	1	*U*	0.79	*U*	1.1	*U*	0.86	*U*
isopropanol	58	*BD*	21	*BD*	420	*BDE*	140	*BDE*	9.5	*BD*
methyl methacrylate	0.43	*U*	0.38	*U*	0.3	*U*	0.43	*U*	0.33	*U*
methyl tert butyl ether	0.38	*U*	0.34	*U*	0.27	*U*	0.38	*U*	0.29	*U*
methylene chloride	2.5	*D*	1.1	*D*	1.8	*D*	0.91	*D*	13	*D*
naphthalene	5.5	*U*	4.9	*U*	3.9	*U*	5.5	*U*	4.2	*U*
n-heptane	0.51	*D*	0.38	*U*	0.67	*D*	1.6	*D*	0.99	*D*
n-hexane	1.3	*D*	0.53	*D*	1.1	*D*	2.9	*D*	7.1	*D*
o-xylene	0.54	*D*	0.41	*U*	1.1	*D*	1.5	*D*	0.49	*D*
p/m-xylene	1.4	*D*	0.93	*D*	2.6	*D*	4.5	*D*	1.4	*D*
p-ethyltoluene	0.51	*U*	0.46	*U*	0.37	*U*	1.2	*D*	0.39	*U*
propylene	1.8	*D*	0.8	*D*	11	*D*	1.2	*D*	0.77	*D*
styrene	0.45	*U*	0.4	*U*	0.6	*D*	0.45	*U*	0.34	*U*
tetrachloroethene (PCE)	0.28	*D*	0.25	*D*	0.56	*D*	0.28	*D*	0.6	*D*
tetrahydrofuran	0.68	*D*	0.55	*U*	0.66	*D*	1.2	*D*	6.4	*D*
toluene	2.6	*D*	1.7	*D*	2.7	*D*	4.8	*D*	3.4	*D*
trans-1,2-dichloroethene (trans-DCE)	0.41	*U*	0.37	*U*	0.29	*U*	0.41	*U*	0.32	*U*
trans-1,3-dichloropropene	0.47	*U*	0.42	*U*	0.34	*U*	0.47	*U*	0.36	*U*
trichloroethene (TCE)	0.14	*U*	0.13	*U*	0.1	*U*	0.14	*U*	0.11	*U*
trichlorofluoromethane	1.2	*D*	1.2	*D*	1.1	*D*	1.2	*D*	1.2	*D*
vinyl acetate	0.37	*U*	0.33	*U*	0.26	*U*	0.37	*U*	0.31	*D*
vinyl bromide	0.46	*U*	0.41	*U*	0.33	*U*	0.46	*U*	0.35	*U*
vinyl chloride (VC)	0.27	*U*	0.24	*U*	0.19	*U*	0.27	*U*	0.21	*U*

Detected concentrations

Notes: NA = not available

Result Flags: J = approximate E = estimated B = detected in blank

ATTACHMENT D

Laboratory Report

Technical Report

prepared for:

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Jay Schmidt

Report Date: 03/31/2025
Client Project ID: 21003-0155
York Project (SDG) No.: 25C0945

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

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

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

Report Date: 03/31/2025
Client Project ID: 21003-0155
York Project (SDG) No.: 25C0945

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Jay Schmidt

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 14, 2025 and listed below. The project was identified as your project: **21003-0155**.

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
25C0945-01	IA-01	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-02	IA-02	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-03	IA-03	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-04	IA-04	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-05	OA-01	Outdoor Ambient Ai	03/13/2025	03/14/2025

General Notes for York Project (SDG) No.: 25C0945

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 03/31/2025

Sample Information

Client Sample ID: **IA-01** **York Sample ID:** **25C0945-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L, ICVE	ug/m³	0.78	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.51**		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.69	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
106-46-7	**1,4-Dichlorobenzene**	**4.0**		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.75	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR

Sample Information

Client Sample ID: IA-01 **York Sample ID:** 25C0945-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	*** 2,2,4-Trimethylpentane**	**0.49**		ug/m³	0.24	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:			
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.31	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**13**		ug/m³	0.50	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**0.59**		ug/m³	0.23	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.77**		ug/m³	0.33	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E, TO-CCV	ug/m³	0.54	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.70	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.1	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.41	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.16	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.28	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**0.77**		ug/m³	0.51	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.22	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.36	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.89	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-01 **York Sample ID:** 25C0945-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.52	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
141-78-6	*** Ethyl acetate**	**5.7**		ug/m³	0.75	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
67-63-0	**Isopropanol**	**58**	CAL-E, B	ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
75-09-2	**Methylene chloride**	**2.5**		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	5.5	1.045	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
142-82-5	**n-Heptane**	**0.51**		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
110-54-3	**n-Hexane**	**1.3**		ug/m³	0.37	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
95-47-6	**o-Xylene**	**0.54**		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.91	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.51	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
115-07-1	*** Propylene**	**1.8**		ug/m³	0.18	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
100-42-5	Styrene	ND		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
127-18-4	**Tetrachloroethylene**	**0.28**		ug/m³	0.18	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
109-99-9	*** Tetrahydrofuran**	**0.68**		ug/m³	0.62	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
108-88-3	**Toluene**	**2.6**		ug/m³	0.39	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR

Sample Information

Client Sample ID: IA-01 **York Sample ID:** 25C0945-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.59	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	TO-LCS-L, ICVE	ug/m³	0.37	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.69	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.38	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
106-46-7	**1,4-Dichlorobenzene**	**12**		ug/m³	0.56	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.44**		ug/m³	0.22	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
78-93-3	**2-Butanone**	**0.83**		ug/m³	0.28	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.77	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
67-64-1	**Acetone**	**21**		ug/m³	0.44	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
71-43-2	**Benzene**	**1.7**		ug/m³	0.30	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
100-44-7	Benzyl chloride	ND	CAL-E, TO-CCV	ug/m³	0.48	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
75-25-2	Bromoform	ND		ug/m³	0.97	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
74-83-9	Bromomethane	ND		ug/m³	0.36	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.15	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.25	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.19	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.32	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**2.0**		ug/m³	0.67	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.41	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**21**	CAL-E, B	ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**1.1**		ug/m³	0.65	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	4.9	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.38	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.53**		ug/m³	0.33	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.41	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**0.93**		ug/m³	0.81	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
115-07-1	*** Propylene**	**0.80**		ug/m³	0.16	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.40	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**0.25**		ug/m³	0.16	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.55	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
108-88-3	**Toluene**	**1.7**		ug/m³	0.35	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.52	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.33	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03 **York Sample ID:** 25C0945-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.51	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03 **York Sample ID:** 25C0945-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.57	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.29	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.55	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.62**		ug/m³	0.37	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.57	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.34	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.52	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.37	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.49	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.34	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
106-46-7	**1,4-Dichlorobenzene**	**1.7**		ug/m³	0.45	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
540-84-1	* **2,2,4-Trimethylpentane**	**0.59**		ug/m³	0.17	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.22	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.61	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR

Sample Information

Client Sample ID: **IA-03** **York Sample ID:** **25C0945-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.85**		ug/m³	0.30	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**110**		ug/m³	0.66	1.396	EPA TO-15	03/27/2025 07:00	03/29/2025 20:24	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**5.0**		ug/m³	0.16	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**1.8**		ug/m³	0.24	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	CAL-E, TO-CCV	ug/m³	0.39	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.50	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.77	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.29	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.12	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.34	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.20	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**2.5**		ug/m³	0.36	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.8**		ug/m³	0.15	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.29	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.26**		ug/m³	0.26	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.63	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.37	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**44**		ug/m³	0.54	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.81**		ug/m³	0.32	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.79	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-03 **York Sample ID:** 25C0945-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**420**	CAL-E, TO-IPA, B, E	ug/m³	0.37	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-09-2	**Methylene chloride**	**1.8**		ug/m³	0.52	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	3.9	0.744	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
142-82-5	**n-Heptane**	**0.67**		ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.26	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
95-47-6	**o-Xylene**	**1.1**		ug/m³	0.32	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
179601-23-1	**p- & m- Xylenes**	**2.6**		ug/m³	0.65	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
115-07-1	*** Propylene**	**11**		ug/m³	0.13	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
100-42-5	**Styrene**	**0.60**		ug/m³	0.32	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
127-18-4	**Tetrachloroethylene**	**0.56**		ug/m³	0.13	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
109-99-9	*** Tetrahydrofuran**	**0.66**		ug/m³	0.44	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
108-88-3	**Toluene**	**2.7**		ug/m³	0.28	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.29	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.42	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.26	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR

Sample Information

Client Sample ID: **IA-03** **York Sample ID:** **25C0945-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Sample Information

Client Sample ID: **IA-04** **York Sample ID:** **25C0945-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.78	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.69	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR

Sample Information

Client Sample ID: IA-04 **York Sample ID:** 25C0945-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
106-46-7	**1,4-Dichlorobenzene**	**69**		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.75	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**2.8**		ug/m³	0.24	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.31	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
67-64-1	**Acetone**	**20**		ug/m³	0.50	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.23	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
71-43-2	**Benzene**	**1.6**		ug/m³	0.33	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
100-44-7	Benzyl chloride	ND	CAL-E, TO-CC V	ug/m³	0.54	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.70	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-25-2	Bromoform	ND		ug/m³	1.1	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
74-83-9	Bromomethane	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
56-23-5	**Carbon tetrachloride**	**0.53**		ug/m³	0.16	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-00-3	Chloroethane	ND		ug/m³	0.28	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
67-66-3	**Chloroform**	**3.0**		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
74-87-3	**Chloromethane**	**0.88**		ug/m³	0.22	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR

Sample Information

Client Sample ID: IA-04 **York Sample ID:** 25C0945-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
110-82-7	**Cyclohexane**	**0.90**		ug/m³	0.36	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.89	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.52	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
141-78-6	*** Ethyl acetate**	**5.9**		ug/m³	0.75	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
100-41-4	**Ethyl Benzene**	**1.2**		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
67-63-0	**Isopropanol**	**140**	B, CAL-E, TO-IPA, E	ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-09-2	**Methylene chloride**	**0.91**		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	5.5	1.045	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
110-54-3	**n-Hexane**	**2.9**		ug/m³	0.37	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
179601-23-1	**p- & m- Xylenes**	**4.5**		ug/m³	0.91	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
622-96-8	*** p-Ethyltoluene**	**1.2**		ug/m³	0.51	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
115-07-1	*** Propylene**	**1.2**		ug/m³	0.18	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
100-42-5	Styrene	ND		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
127-18-4	**Tetrachloroethylene**	**0.28**		ug/m³	0.18	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
109-99-9	*** Tetrahydrofuran**	**1.2**		ug/m³	0.62	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR

Sample Information

Client Sample ID: **IA-04** **York Sample ID:** **25C0945-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**4.8**		ug/m³	0.39	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.59	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.37	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.61	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.60	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.43**		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.52**		ug/m³	0.19	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
78-93-3	**2-Butanone**	**3.4**		ug/m³	0.24	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
108-10-1	**4-Methyl-2-pentanone**	**0.56**		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
67-64-1	**Acetone**	**13**		ug/m³	0.38	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.17	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
71-43-2	**Benzene**	**1.0**		ug/m³	0.26	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND	CAL-E, TO-CC V	ug/m³	0.42	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-25-2	Bromoform	ND		ug/m³	0.83	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
56-23-5	**Carbon tetrachloride**	**0.40**		ug/m³	0.13	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
67-66-3	Chloroform	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
74-87-3	**Chloromethane**	**0.94**		ug/m³	0.17	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.40	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
141-78-6	*** Ethyl acetate**	**35**		ug/m³	0.58	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
100-41-4	**Ethyl Benzene**	**0.38**		ug/m³	0.35	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
67-63-0	**Isopropanol**	**9.5**	B, CAL-E	ug/m³	0.39	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-09-2	**Methylene chloride**	**13**		ug/m³	0.56	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	4.2	0.802	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
142-82-5	**n-Heptane**	**0.99**		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
110-54-3	**n-Hexane**	**7.1**		ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
95-47-6	**o-Xylene**	**0.49**		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.70	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
115-07-1	*** Propylene**	**0.77**		ug/m³	0.14	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
100-42-5	Styrene	ND		ug/m³	0.34	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
127-18-4	**Tetrachloroethylene**	**0.60**		ug/m³	0.14	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
109-99-9	*** Tetrahydrofuran**	**6.4**		ug/m³	0.47	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
108-88-3	**Toluene**	**3.4**		ug/m³	0.30	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.45	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
108-05-4	**Vinyl acetate**	**0.31**	ICVE, TO-LCS-L	ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR

Analytical Batch Summary

Batch ID: BC52134 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C0945-01	IA-01	03/27/25
25C0945-02	IA-02	03/27/25
25C0945-03	IA-03	03/27/25
25C0945-04	IA-04	03/27/25
25C0945-05	OA-01	03/27/25
BC52134-BLK1	Blank	03/28/25
BC52134-BS1	LCS	03/28/25

Batch ID: BC52267 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C0945-03RE1	IA-03	03/27/25
BC52267-BLK1	Blank	03/29/25
BC52267-BS1	LCS	03/29/25

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52134 - EPA TO15 PREP											
Blank (BC52134-BLK1)											Prepared & Analyzed: 03/28/2025
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	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.88	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52134 - EPA TO15 PREP											
Blank (BC52134-BLK1)								Prepared & Analyzed: 03/28/2025			
Methylene chloride	ND	0.69	ug/m³								
Naphthalene	ND	5.2	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
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	0.26	"								
LCS (BC52134-BS1)								Prepared & Analyzed: 03/28/2025			
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	9.70		"	10.0		97.0	70-130				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethane	9.65		"	10.0		96.5	70-130				
1,1-Dichloroethylene	9.92		"	10.0		99.2	70-130				
1,2,4-Trichlorobenzene	6.02		"	10.0		60.2	70-130	Low Bias			
1,2,4-Trimethylbenzene	11.4		"	10.0		114	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	11.9		"	10.0		119	70-130				
1,2-Dichlorotetrafluoroethane	8.54		"	10.0		85.4	70-130				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,3-Butadiene	9.82		"	10.0		98.2	70-130				
1,3-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,3-Dichloropropane	11.6		"	10.0		116	70-130				
1,4-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,4-Dioxane	11.0		"	10.0		110	70-130				
2,2,4-Trimethylpentane	10.6		"	10.0		106	70-130				
2-Butanone	10.3		"	10.0		103	70-130				
2-Hexanone	12.6		"	10.0		126	70-130				
3-Chloropropene	10.9		"	10.0		109	70-130				
4-Methyl-2-pentanone	12.6		"	10.0		126	70-130				
Acetone	9.87		"	10.0		98.7	70-130				
Acrylonitrile	8.73		"	10.0		87.3	70-130				
Benzene	9.39		"	10.0		93.9	70-130				
Benzyl chloride	7.88		"	10.0		78.8	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52134 - EPA TO15 PREP											
LCS (BC52134-BS1)								Prepared & Analyzed: 03/28/2025			
Bromoform	13.0		ppbv	10.0		130	70-130				
Bromomethane	8.97		"	10.0		89.7	70-130				
Carbon disulfide	9.23		"	10.0		92.3	70-130				
Carbon tetrachloride	9.77		"	10.0		97.7	70-130				
Chlorobenzene	10.8		"	10.0		108	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	9.41		"	10.0		94.1	70-130				
Chloromethane	9.21		"	10.0		92.1	70-130				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	70-130				
cis-1,3-Dichloropropylene	12.1		"	10.0		121	70-130				
Cyclohexane	9.98		"	10.0		99.8	70-130				
Dibromochloromethane	11.6		"	10.0		116	70-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	70-130				
Ethyl acetate	12.7		"	10.0		127	70-130				
Ethyl Benzene	11.3		"	10.0		113	70-130				
Hexachlorobutadiene	15.1		"	10.0		151	70-130	High Bias			
Isopropanol	8.11		"	10.0		81.1	70-130				
Methyl Methacrylate	11.4		"	10.0		114	70-130				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	70-130				
Methylene chloride	10.1		"	10.0		101	70-130				
Naphthalene	9.25		"	10.0		92.5	70-130				
n-Heptane	11.0		"	10.0		110	70-130				
n-Hexane	10.0		"	10.0		100	70-130				
o-Xylene	11.7		"	10.0		117	70-130				
p- & m- Xylenes	23.1		"	20.0		115	70-130				
p-Ethyltoluene	11.8		"	10.0		118	70-130				
Propylene	10.3		"	10.0		103	70-130				
Styrene	11.7		"	10.0		117	70-130				
Tetrachloroethylene	11.4		"	10.0		114	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	10.8		"	10.0		108	70-130				
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	70-130				
trans-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Trichloroethylene	10.8		"	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	9.62		"	10.0		96.2	70-130				
Vinyl acetate	5.10		"	10.0		51.0	70-130	Low Bias			
Vinyl bromide	9.21		"	10.0		92.1	70-130				
Vinyl Chloride	9.38		"	10.0		93.8	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52267 - EPA TO15 PREP											
Blank (BC52267-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	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Prepared & Analyzed: 03/29/2025

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52267 - EPA TO15 PREP											
Blank (BC52267-BLK1)								Prepared & Analyzed: 03/29/2025			
Naphthalene	ND	5.2	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
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	0.26	"								
LCS (BC52267-BS1)								Prepared & Analyzed: 03/29/2025			
1,1,1,2-Tetrachloroethane	10.6		ppbv	10.0		106	70-130				
1,1,1-Trichloroethane	9.83		"	10.0		98.3	70-130				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	70-130				
1,1,2-Trichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethane	9.66		"	10.0		96.6	70-130				
1,1-Dichloroethylene	9.87		"	10.0		98.7	70-130				
1,2,4-Trichlorobenzene	6.77		"	10.0		67.7	70-130	Low Bias			
1,2,4-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,2-Dibromoethane	10.1		"	10.0		101	70-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,2-Dichloroethane	11.1		"	10.0		111	70-130				
1,2-Dichloropropane	11.0		"	10.0		110	70-130				
1,2-Dichlorotetrafluoroethane	8.10		"	10.0		81.0	70-130				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70-130				
1,3-Butadiene	9.86		"	10.0		98.6	70-130				
1,3-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,3-Dichloropropane	10.9		"	10.0		109	70-130				
1,4-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2,2,4-Trimethylpentane	10.6		"	10.0		106	70-130				
2-Butanone	9.93		"	10.0		99.3	70-130				
2-Hexanone	11.0		"	10.0		110	70-130				
3-Chloropropene	10.5		"	10.0		105	70-130				
4-Methyl-2-pentanone	11.3		"	10.0		113	70-130				
Acetone	9.40		"	10.0		94.0	70-130				
Acrylonitrile	8.72		"	10.0		87.2	70-130				
Benzene	9.55		"	10.0		95.5	70-130				
Benzyl chloride	7.54		"	10.0		75.4	70-130				
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	13.0		"	10.0		130	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52267 - EPA TO15 PREP											
LCS (BC52267-BS1)								Prepared & Analyzed: 03/29/2025			
Bromomethane	9.43		ppbv	10.0		94.3	70-130				
Carbon disulfide	9.49		"	10.0		94.9	70-130				
Carbon tetrachloride	9.98		"	10.0		99.8	70-130				
Chlorobenzene	10.6		"	10.0		106	70-130				
Chloroethane	10.4		"	10.0		104	70-130				
Chloroform	9.53		"	10.0		95.3	70-130				
Chloromethane	8.03		"	10.0		80.3	70-130				
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	70-130				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	11.1		"	10.0		111	70-130				
Dichlorodifluoromethane	9.92		"	10.0		99.2	70-130				
Ethyl acetate	12.1		"	10.0		121	70-130				
Ethyl Benzene	10.9		"	10.0		109	70-130				
Hexachlorobutadiene	15.4		"	10.0		154	70-130	High Bias			
Isopropanol	7.86		"	10.0		78.6	70-130				
Methyl Methacrylate	10.6		"	10.0		106	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	9.99		"	10.0		99.9	70-130				
Naphthalene	9.56		"	10.0		95.6	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	10.0		"	10.0		100	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	21.9		"	20.0		109	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
Propylene	10.1		"	10.0		101	70-130				
Styrene	11.3		"	10.0		113	70-130				
Tetrachloroethylene	11.3		"	10.0		113	70-130				
Tetrahydrofuran	10.2		"	10.0		102	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	70-130				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Trichloroethylene	10.3		"	10.0		103	70-130				
Trichlorofluoromethane (Freon 11)	9.72		"	10.0		97.2	70-130				
Vinyl acetate	4.53		"	10.0		45.3	70-130	Low Bias			
Vinyl bromide	9.77		"	10.0		97.7	70-130				
Vinyl Chloride	9.30		"	10.0		93.0	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C0945

Page ____ of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Gallagher Prosser	Company:	Company:	21003-0155	RUSH - Next Day
Address: 22 IBM Rd, Suite 101	Address:	Address:	YOUR Project Name: 21003-0155	RUSH - Two Day
Phone.: 845 867 4711	Phone.:	Phone.: 845 867 4710		RUSH - Three Day
Contact: Jay Schmidt	Contact:	Contact: Brenda Wells		RUSH - Four Day
E-mail: Jay_Schmidt@gbpa.com	E-mail:	E-mail: Brenda_Wells@gbpa.com	YOUR PO#:	Standard (5-7 Day) X

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

Jay Schmidt

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

Jay Schmidt

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

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

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

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
IA-01	3/12-3/13	AI	-30	-10	43001	7422	TO-15 SIM
IA-02	↓	AI	-29	-8	51431	7094	↓
IA-03		AI	-28	-1	50341	20164	
IA-04		AI	-29	-10	37004	7606	
OA-01		AO	-28	-5	49991	6877	

Comments:

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

Sampling Media
- 6 Liter Canister
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Jay Schmidt	3-14-25	Chris C	3-14-25 9:30	Chris C	3-14-25 1445
Samples Received by / Company	**Date/Time**	**Samples Relinquished by / Company**	**Date/Time**	**Samples Received by / Company**	**Date/Time**
3/14/25 14:45		3/14/25			
Samples Relinquished by / Company	**Date/Time**	**Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time**
				3/17/25	8:00

APPENDIX C

Structure Sampling Building Questionnaire and Product Inventory Form

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Site No. : C203014 **Site Name :** Parkview Commons

Date: 8/7/25 **Time:** _____

Structure Address : 871 Elton Avenue, Borough of Bronx, New York

Preparer's Name & Affiliation : Hannah Brown/Erick Salazar (Environmental Consultants, GBTS)

Residential ? ☒ Yes ☐ No **Owner Occupied ?** ☐ Yes ☐ No **Owner Interviewed ?** ☐ Yes ☒ No

Commercial ? ☒ Yes ☐ No **Industrial ?** ☐ Yes ☒ No **Mixed Uses ?** ☒ Yes ☐ No

Identify all non-residential use(s) : Commercial retail uses on 1st floor

Owner Name : Parkview Associates **Owner Phone :** ( ) _____ - _____

Secondary Owner Phone : ( ) _____ - _____

Owner Address (if different) : _____

Occupant Name : _____ **Occupant Phone :** ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : multi apartment residential on 1st and upper floors

Additional Owner/Occupant Information : _____

Describe Structure (style, number floors, size) : _____

Approximate **Year Built :** 2006 Is the building **Insulated?** ☐ Yes ☐ No

Lowest level : ☐ Slab-on-grade ☒ Basement ☐ Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : mechanical and utility space cellar is only partial of footprint

Floor Type: ☒ Concrete Slab ☐ Dirt ☐ Mixed : _____

Floor Condition : ☒ Good (few or no cracks) ☐ Average (some cracks) ☐ Poor (broken concrete or dirt)

Sumps/Drains? ☒ Yes ☐ No Describe : _____

Identify other floor penetrations & details : typical drains and wall penetrations for pipes and utilities, small slab breach surrounding in-floor pipe in cellar sprinkler room

Wall Construction : ☒ Concrete Block ☐ Poured Concrete ☐ Laid-Up Stone

Identify any wall penetrations : _____

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : _____

Heating Fuel : ☐ Oil ☐ Gas ☐ Wood ☒ Electric ☐ Other : _____

Heating System : ☐ Forced Air ☒ Hot Water ☐ Other : _____

Hot Water System : ☒ Combustion ☐ Electric ☐ Boilermate ☐ Other: _____

Clothes Dryer : ☐ Electric ☒ Gas Where is dryer **vented** to? roof

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.) : _____

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : roof

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

storage of misc. cleaning & maintenance products and paints in cellar, deodorizers through common areas

Attached garage ? ☐ Yes ☒ No Air fresheners ? ☐ Yes ☐ No

New carpet or furniture ? ☐ Yes ☒ No What/Where ? _____

Recent **painting** or **staining** ? ☐ Yes ☐ No Where ? : _____

Any **solvent** or **chemical-like** odors ? ☒ Yes ☐ No Describe : air fresheners, sweet / acidic smell in cellar storage area

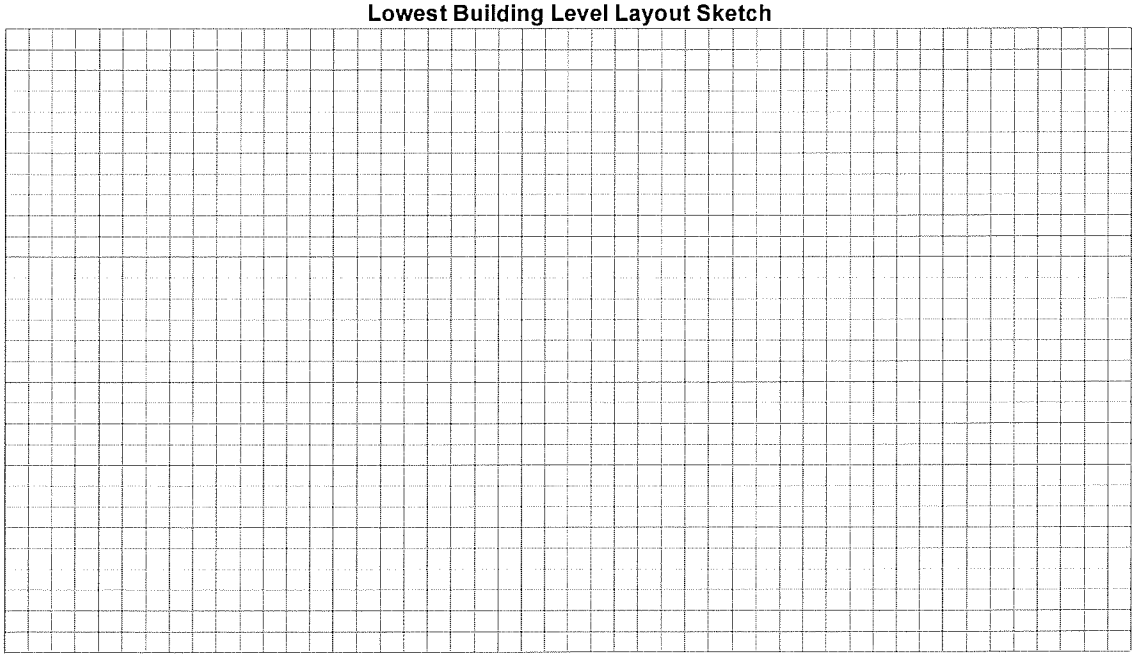
Last time **Dry Cleaned** fabrics brought in ? _____ What / Where ? _____

Do any building occupants use solvents at work ? ☐ Yes ☐ No Describe : _____

Any testing for Radon ? ☐ Yes ☒ No Results : _____

Radon System/Soil Vapor Intrusion Mitigation System present ? ☒ Yes ☐ No If yes, describe below

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling - Product Inventory

Homeowner Name & Address: 871 Elton Avenue **Date:** 8/7/2025

Samplers & Company: GBTS **Structure ID:**

Site Number & Name: C203014 / Parkview Commons **Phone Number:**

Make & Model of PID: MiniRAE 3000 **Date of PID Calibration:** 8/7/2025

Identify any Changes from Original Building Questionnaire :

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Black Jack Silver-Seal 300-Fibered Aluminum	1	asphalt, cellulose fiber, aluminum flake, mineral spirits, calcium carbonate	0.2	community room
Rust-oleum Coating 2X Spray Paint & Primer	1	xylenes, acetone	0.3	cellar hallway
Merit-Kaplan Heavy Duty Gloss Enamel	1	aliphatic hydrocarbon, calcium carbonate, carbon black, xylene, methyl ethyl ketoxime, hydrotreated heavy naphtha, ethyl benzene, zirconium, 2-ethyl hexanoate	0.3	cellar hallway
Kammson Power Stripper (5gal)	1	tall oil, isopropyl alcohol, nonionic surfactant, potassium hydroxide	0.2	cellar storage
Sherwin Williams ProMar 200 Latex Paint	1	titanium dioxide, kaolin, amorphous silica, aluminum hydroxide	0.2	cellar storage
Harco Proforce Polyurethane Super High Gloss	1	2-(2-ethoxyethanoxy)ethanol	0.2	cellar storage
MH Ready Patch Spackling Compound	1	nepheline syenite, alkyd polymer, mineral spirits, barium sulfate, xylene, stoddard solvent, zinc sulfide, aliphatic hydrocarbons, ethylbenzene	0.2	cellar storage
OdoBan (deodorizer) 1 gallon	24	isopropanol, alkyl dimethyl benzyl ammonium chloride	0.2	cellar storage
Fantastik	65	alkyl dimethyl benzyl ammonium chloride	0.2-0.3	cellar hallway and storage
SprayPAK baseboard stripper	18	2-butoxyethanol, n-butane, morpholine, propane, isopropyl alcohol, triethylene glycol, carbomer 941, ammonium hydroxide	0.2	cellar storage
MD Glass Cleaner	6	2-butoxyethanol, ethyl alcohol, butane, propane	0.2	cellar storage
Bonita multi-purpose Cleaner and deodorizer	5	benzyl acetate, 2-propanol, sodium xylene sulfonate (other surfactants & fragrance components)	0.2	cellar storage
Dust N' More (5 gal)	4	hydrotreated heavy naphthenic oil, petroleum distillates, n-butane, propane	0.2	cellar storage
ScentBon Air freshner	1	butane, propane, ethyl alcohol	0.2	cellar storage
Austin's Clear Ammonia (1 gal)	2	ammonium hydroxide	0.2	cellar storage
NC111 Neutral Cleaner (1 gal)	3	surfactants, sodium gluconate, trisodium citrate	0.2	cellar storage
Decker Professional Turbo Power Rinseless (5gal) Stripper	2	butoxydiglycol, butoxyethanol, ethanolamine, tetrapotassium pyrophosphate, isopropanol, sodium xylenesulfonate	0.2	cellar storage
101 Bleach (1 gal)	20+	bleach	0.2	cellar storage
Benjamin Moore Super Hide Paint (5 gal)	15	kaolin, limestone, titanium dioxide, diatomaceous earth, silica amorphous	0.2	cellar storage
Decker Professional Mint Deodorant Conc.	2	nonylphenol ethoxylate, 2-propanol, methyl salicylate, benzalkonium chloride	0.2	cellar storage
naphthalene moth balls	various locations on first floor window panes	naphthalene	25.8	various locations on first floor window panes

Structure Sampling - Product Inventory

Homeowner Name & Address: 871 Elton

Date: 8/7/2025

Samplers & Company: GBTS

Structure ID:

Site Number & Name: C203014 / Parkview Commons

Phone Number:

Make & Model of PID: Mini RAE 3000

Date of PID Calibration: 8/7/2025

Identify any Changes from Original Building Questionnaire :

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Clorox Clean-up	19	Sodium hypochlorite, sodium hydroxide	0.2	cellar storage
Clorox Cleaner + Bleach	27	↓	0.2	cellar storage
Windex	30+	2-butoxyethanol	0.2	cellar storage
Uni-Fresh Odor Eliminating Conc.	18	isopropyl alcohol, surfactants, "odor encapsulator"	0.2	cellar storage
DS 20 cleaner and disinfectant	6	alkyldimethyl benzyl ammonium chloride, other dimethyl ammonium chlorides	0.2	cellar storage
Lysol disinfectant spray	35	ethyl alcohol, butane, propane	0.2	cellar storage; comm. room
Lysol All Purpose Cleaner	10	quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	0.2	cellar storage
USG All purpose joint compound	1	limestone, attapulgite, quartz	0.3	cellar hallway
SHOUT Triple Action	1	poly(oxy-1,2-ethanediyl), alpha.-isotridecyl-omega.-hydroxy-, polyethylene glycol isotridecyl ether; subtilisins	0.3	cellar hallway
6-gallon oily waste can	1		0.2	boiler room

APPENDIX D

Laboratory Reports

Technical Report

prepared for:

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Jay Schmidt

Report Date: 03/31/2025
Client Project ID: 21003-0155
York Project (SDG) No.: 25C0945

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

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

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

Report Date: 03/31/2025
Client Project ID: 21003-0155
York Project (SDG) No.: 25C0945

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Jay Schmidt

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 14, 2025 and listed below. The project was identified as your project: **21003-0155**.

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
25C0945-01	IA-01	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-02	IA-02	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-03	IA-03	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-04	IA-04	Indoor Ambient Air	03/13/2025	03/14/2025
25C0945-05	OA-01	Outdoor Ambient Ai	03/13/2025	03/14/2025

General Notes for York Project (SDG) No.: 25C0945

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 03/31/2025

Sample Information

Client Sample ID: **IA-01** **York Sample ID:** **25C0945-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L, ICVE	ug/m³	0.78	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.51**		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.69	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
106-46-7	**1,4-Dichlorobenzene**	**4.0**		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.75	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR

Sample Information

Client Sample ID: IA-01 **York Sample ID:** 25C0945-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	*** 2,2,4-Trimethylpentane**	**0.49**		ug/m³	0.24	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:			
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.31	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**13**		ug/m³	0.50	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**0.59**		ug/m³	0.23	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.77**		ug/m³	0.33	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E, TO-CCV	ug/m³	0.54	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.70	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.1	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.41	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.16	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.28	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**0.77**		ug/m³	0.51	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.22	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.36	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.89	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-01 **York Sample ID:** 25C0945-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.52	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
141-78-6	*** Ethyl acetate**	**5.7**		ug/m³	0.75	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
67-63-0	**Isopropanol**	**58**	CAL-E, B	ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
75-09-2	**Methylene chloride**	**2.5**		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	5.5	1.045	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
142-82-5	**n-Heptane**	**0.51**		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
110-54-3	**n-Hexane**	**1.3**		ug/m³	0.37	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
95-47-6	**o-Xylene**	**0.54**		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.91	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.51	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
115-07-1	*** Propylene**	**1.8**		ug/m³	0.18	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
100-42-5	Styrene	ND		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
127-18-4	**Tetrachloroethylene**	**0.28**		ug/m³	0.18	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
109-99-9	*** Tetrahydrofuran**	**0.68**		ug/m³	0.62	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:09	YR
108-88-3	**Toluene**	**2.6**		ug/m³	0.39	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:09	YR

Sample Information

Client Sample ID: IA-01 **York Sample ID:** 25C0945-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.59	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	TO-LCS-L, ICVE	ug/m³	0.37	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 03:09	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.69	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.38	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
106-46-7	**1,4-Dichlorobenzene**	**12**		ug/m³	0.56	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.44**		ug/m³	0.22	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
78-93-3	**2-Butanone**	**0.83**		ug/m³	0.28	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.77	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
67-64-1	**Acetone**	**21**		ug/m³	0.44	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
71-43-2	**Benzene**	**1.7**		ug/m³	0.30	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
100-44-7	Benzyl chloride	ND	CAL-E, TO-CCV	ug/m³	0.48	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
75-25-2	Bromoform	ND		ug/m³	0.97	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
74-83-9	Bromomethane	ND		ug/m³	0.36	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.934	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 03:55	YR

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.15	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.25	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.19	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.32	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**2.0**		ug/m³	0.67	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.41	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**21**	CAL-E, B	ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**1.1**		ug/m³	0.65	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	4.9	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.38	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.53**		ug/m³	0.33	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.41	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**0.93**		ug/m³	0.81	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.46	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			

Sample Information

Client Sample ID: IA-02 **York Sample ID:** 25C0945-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
115-07-1	*** Propylene**	**0.80**		ug/m³	0.16	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.40	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**0.25**		ug/m³	0.16	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.55	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:			
108-88-3	**Toluene**	**1.7**		ug/m³	0.35	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.52	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.33	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	0.934	EPA TO-15	03/27/2025 07:00	03/29/2025 03:55	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03 **York Sample ID:** 25C0945-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.51	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-03 **York Sample ID:** 25C0945-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.57	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.29	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.55	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.62**		ug/m³	0.37	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.57	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.34	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.52	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.37	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.49	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.34	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
106-46-7	**1,4-Dichlorobenzene**	**1.7**		ug/m³	0.45	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
540-84-1	* **2,2,4-Trimethylpentane**	**0.59**		ug/m³	0.17	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.22	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.61	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR

Sample Information

Client Sample ID: **IA-03** **York Sample ID:** **25C0945-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.85**		ug/m³	0.30	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**110**		ug/m³	0.66	1.396	EPA TO-15	03/27/2025 07:00	03/29/2025 20:24	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**5.0**		ug/m³	0.16	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**1.8**		ug/m³	0.24	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND	CAL-E, TO-CCV	ug/m³	0.39	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.50	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.77	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.29	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.47**		ug/m³	0.12	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.34	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.20	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**2.5**		ug/m³	0.36	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.8**		ug/m³	0.15	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.29	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.26**		ug/m³	0.26	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.63	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.37	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**44**		ug/m³	0.54	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.81**		ug/m³	0.32	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.79	0.744	EPA TO-15	03/27/2025 07:00	03/29/2025 04:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-03 **York Sample ID:** 25C0945-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**420**	CAL-E, TO-IPA, B, E	ug/m³	0.37	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-09-2	**Methylene chloride**	**1.8**		ug/m³	0.52	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	3.9	0.744	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
142-82-5	**n-Heptane**	**0.67**		ug/m³	0.30	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.26	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
95-47-6	**o-Xylene**	**1.1**		ug/m³	0.32	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
179601-23-1	**p- & m- Xylenes**	**2.6**		ug/m³	0.65	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
115-07-1	*** Propylene**	**11**		ug/m³	0.13	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
100-42-5	**Styrene**	**0.60**		ug/m³	0.32	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
127-18-4	**Tetrachloroethylene**	**0.56**		ug/m³	0.13	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
109-99-9	*** Tetrahydrofuran**	**0.66**		ug/m³	0.44	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
108-88-3	**Toluene**	**2.7**		ug/m³	0.28	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.29	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.42	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.26	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 04:41	YR

Sample Information

Client Sample ID: **IA-03** **York Sample ID:** **25C0945-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Sample Information

Client Sample ID: **IA-04** **York Sample ID:** **25C0945-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.57	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.78	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.80	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.42	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.69	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR

Sample Information

Client Sample ID: IA-04 **York Sample ID:** 25C0945-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
106-46-7	**1,4-Dichlorobenzene**	**69**		ug/m³	0.63	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.75	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**2.8**		ug/m³	0.24	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.31	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.86	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
67-64-1	**Acetone**	**20**		ug/m³	0.50	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.23	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
71-43-2	**Benzene**	**1.6**		ug/m³	0.33	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
100-44-7	Benzyl chloride	ND	CAL-E, TO-CC V	ug/m³	0.54	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.70	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-25-2	Bromoform	ND		ug/m³	1.1	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
74-83-9	Bromomethane	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
56-23-5	**Carbon tetrachloride**	**0.53**		ug/m³	0.16	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.48	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-00-3	Chloroethane	ND		ug/m³	0.28	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
67-66-3	**Chloroform**	**3.0**		ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
74-87-3	**Chloromethane**	**0.88**		ug/m³	0.22	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR

Sample Information

Client Sample ID: IA-04 **York Sample ID:** 25C0945-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
110-82-7	**Cyclohexane**	**0.90**		ug/m³	0.36	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.89	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.52	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
141-78-6	*** Ethyl acetate**	**5.9**		ug/m³	0.75	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
100-41-4	**Ethyl Benzene**	**1.2**		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
67-63-0	**Isopropanol**	**140**	B, CAL-E, TO-IPA, E	ug/m³	0.51	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
75-09-2	**Methylene chloride**	**0.91**		ug/m³	0.73	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	5.5	1.045	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.43	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
110-54-3	**n-Hexane**	**2.9**		ug/m³	0.37	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
179601-23-1	**p- & m- Xylenes**	**4.5**		ug/m³	0.91	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
622-96-8	*** p-Ethyltoluene**	**1.2**		ug/m³	0.51	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
115-07-1	*** Propylene**	**1.2**		ug/m³	0.18	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR
100-42-5	Styrene	ND		ug/m³	0.45	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
127-18-4	**Tetrachloroethylene**	**0.28**		ug/m³	0.18	1.045	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 05:27	YR
109-99-9	*** Tetrahydrofuran**	**1.2**		ug/m³	0.62	1.045	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 05:27	YR

Sample Information

Client Sample ID: **IA-04** **York Sample ID:** **25C0945-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Indoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**4.8**		ug/m³	0.39	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.47	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.59	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.37	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	1.045	EPA TO-15	03/27/2025 07:00	03/29/2025 05:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.61	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15	03/27/2025 07:00	03/29/2025 06:13	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	0.60	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.43**		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
107-06-2	1,2-Dichloroethane	ND	TO-CCV	ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.52**		ug/m³	0.19	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
78-93-3	**2-Butanone**	**3.4**		ug/m³	0.24	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
108-10-1	**4-Methyl-2-pentanone**	**0.56**		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
67-64-1	**Acetone**	**13**		ug/m³	0.38	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.17	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
71-43-2	**Benzene**	**1.0**		ug/m³	0.26	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND	CAL-E, TO-CC V	ug/m³	0.42	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-25-2	Bromoform	ND		ug/m³	0.83	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
56-23-5	**Carbon tetrachloride**	**0.40**		ug/m³	0.13	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
67-66-3	Chloroform	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
74-87-3	**Chloromethane**	**0.94**		ug/m³	0.17	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.40	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
141-78-6	*** Ethyl acetate**	**35**		ug/m³	0.58	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
100-41-4	**Ethyl Benzene**	**0.38**		ug/m³	0.35	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
67-63-0	**Isopropanol**	**9.5**	B, CAL-E	ug/m³	0.39	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR
75-09-2	**Methylene chloride**	**13**		ug/m³	0.56	0.802	EPA TO-15 Certifications:	03/27/2025 07:00 NELAC-NY12058,NJDEP-NY037	03/29/2025 06:13	YR

Sample Information

Client Sample ID: **OA-01** **York Sample ID:** **25C0945-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0945	21003-0155	Outdoor Ambient Air	March 13, 2025 3:00 pm	03/14/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	4.2	0.802	EPA TO-15 Certifications: NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
142-82-5	**n-Heptane**	**0.99**		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
110-54-3	**n-Hexane**	**7.1**		ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
95-47-6	**o-Xylene**	**0.49**		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.70	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
115-07-1	*** Propylene**	**0.77**		ug/m³	0.14	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
100-42-5	Styrene	ND		ug/m³	0.34	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
127-18-4	**Tetrachloroethylene**	**0.60**		ug/m³	0.14	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
109-99-9	*** Tetrahydrofuran**	**6.4**		ug/m³	0.47	0.802	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 06:13	YR
108-88-3	**Toluene**	**3.4**		ug/m³	0.30	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.45	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
108-05-4	**Vinyl acetate**	**0.31**	ICVE, TO-LCS-L	ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 06:13	YR

Analytical Batch Summary

Batch ID: BC52134 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C0945-01	IA-01	03/27/25
25C0945-02	IA-02	03/27/25
25C0945-03	IA-03	03/27/25
25C0945-04	IA-04	03/27/25
25C0945-05	OA-01	03/27/25
BC52134-BLK1	Blank	03/28/25
BC52134-BS1	LCS	03/28/25

Batch ID: BC52267 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C0945-03RE1	IA-03	03/27/25
BC52267-BLK1	Blank	03/29/25
BC52267-BS1	LCS	03/29/25

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52134 - EPA TO15 PREP											
Blank (BC52134-BLK1)											Prepared & Analyzed: 03/28/2025
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	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.88	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52134 - EPA TO15 PREP											
Blank (BC52134-BLK1)								Prepared & Analyzed: 03/28/2025			
Methylene chloride	ND	0.69	ug/m³								
Naphthalene	ND	5.2	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
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	0.26	"								
LCS (BC52134-BS1)								Prepared & Analyzed: 03/28/2025			
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	9.70		"	10.0		97.0	70-130				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethane	9.65		"	10.0		96.5	70-130				
1,1-Dichloroethylene	9.92		"	10.0		99.2	70-130				
1,2,4-Trichlorobenzene	6.02		"	10.0		60.2	70-130	Low Bias			
1,2,4-Trimethylbenzene	11.4		"	10.0		114	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	11.9		"	10.0		119	70-130				
1,2-Dichlorotetrafluoroethane	8.54		"	10.0		85.4	70-130				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,3-Butadiene	9.82		"	10.0		98.2	70-130				
1,3-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,3-Dichloropropane	11.6		"	10.0		116	70-130				
1,4-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,4-Dioxane	11.0		"	10.0		110	70-130				
2,2,4-Trimethylpentane	10.6		"	10.0		106	70-130				
2-Butanone	10.3		"	10.0		103	70-130				
2-Hexanone	12.6		"	10.0		126	70-130				
3-Chloropropene	10.9		"	10.0		109	70-130				
4-Methyl-2-pentanone	12.6		"	10.0		126	70-130				
Acetone	9.87		"	10.0		98.7	70-130				
Acrylonitrile	8.73		"	10.0		87.3	70-130				
Benzene	9.39		"	10.0		93.9	70-130				
Benzyl chloride	7.88		"	10.0		78.8	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52134 - EPA TO15 PREP											
LCS (BC52134-BS1)								Prepared & Analyzed: 03/28/2025			
Bromoform	13.0		ppbv	10.0		130	70-130				
Bromomethane	8.97		"	10.0		89.7	70-130				
Carbon disulfide	9.23		"	10.0		92.3	70-130				
Carbon tetrachloride	9.77		"	10.0		97.7	70-130				
Chlorobenzene	10.8		"	10.0		108	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	9.41		"	10.0		94.1	70-130				
Chloromethane	9.21		"	10.0		92.1	70-130				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	70-130				
cis-1,3-Dichloropropylene	12.1		"	10.0		121	70-130				
Cyclohexane	9.98		"	10.0		99.8	70-130				
Dibromochloromethane	11.6		"	10.0		116	70-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	70-130				
Ethyl acetate	12.7		"	10.0		127	70-130				
Ethyl Benzene	11.3		"	10.0		113	70-130				
Hexachlorobutadiene	15.1		"	10.0		151	70-130	High Bias			
Isopropanol	8.11		"	10.0		81.1	70-130				
Methyl Methacrylate	11.4		"	10.0		114	70-130				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	70-130				
Methylene chloride	10.1		"	10.0		101	70-130				
Naphthalene	9.25		"	10.0		92.5	70-130				
n-Heptane	11.0		"	10.0		110	70-130				
n-Hexane	10.0		"	10.0		100	70-130				
o-Xylene	11.7		"	10.0		117	70-130				
p- & m- Xylenes	23.1		"	20.0		115	70-130				
p-Ethyltoluene	11.8		"	10.0		118	70-130				
Propylene	10.3		"	10.0		103	70-130				
Styrene	11.7		"	10.0		117	70-130				
Tetrachloroethylene	11.4		"	10.0		114	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	10.8		"	10.0		108	70-130				
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	70-130				
trans-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Trichloroethylene	10.8		"	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	9.62		"	10.0		96.2	70-130				
Vinyl acetate	5.10		"	10.0		51.0	70-130	Low Bias			
Vinyl bromide	9.21		"	10.0		92.1	70-130				
Vinyl Chloride	9.38		"	10.0		93.8	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52267 - EPA TO15 PREP											
Blank (BC52267-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	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Prepared & Analyzed: 03/29/2025

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52267 - EPA TO15 PREP											
Blank (BC52267-BLK1)								Prepared & Analyzed: 03/29/2025			
Naphthalene	ND	5.2	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
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	0.26	"								
LCS (BC52267-BS1)								Prepared & Analyzed: 03/29/2025			
1,1,1,2-Tetrachloroethane	10.6		ppbv	10.0		106	70-130				
1,1,1-Trichloroethane	9.83		"	10.0		98.3	70-130				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	70-130				
1,1,2-Trichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethane	9.66		"	10.0		96.6	70-130				
1,1-Dichloroethylene	9.87		"	10.0		98.7	70-130				
1,2,4-Trichlorobenzene	6.77		"	10.0		67.7	70-130	Low Bias			
1,2,4-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,2-Dibromoethane	10.1		"	10.0		101	70-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,2-Dichloroethane	11.1		"	10.0		111	70-130				
1,2-Dichloropropane	11.0		"	10.0		110	70-130				
1,2-Dichlorotetrafluoroethane	8.10		"	10.0		81.0	70-130				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70-130				
1,3-Butadiene	9.86		"	10.0		98.6	70-130				
1,3-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,3-Dichloropropane	10.9		"	10.0		109	70-130				
1,4-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2,2,4-Trimethylpentane	10.6		"	10.0		106	70-130				
2-Butanone	9.93		"	10.0		99.3	70-130				
2-Hexanone	11.0		"	10.0		110	70-130				
3-Chloropropene	10.5		"	10.0		105	70-130				
4-Methyl-2-pentanone	11.3		"	10.0		113	70-130				
Acetone	9.40		"	10.0		94.0	70-130				
Acrylonitrile	8.72		"	10.0		87.2	70-130				
Benzene	9.55		"	10.0		95.5	70-130				
Benzyl chloride	7.54		"	10.0		75.4	70-130				
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	13.0		"	10.0		130	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC52267 - EPA TO15 PREP											
LCS (BC52267-BS1)								Prepared & Analyzed: 03/29/2025			
Bromomethane	9.43		ppbv	10.0		94.3	70-130				
Carbon disulfide	9.49		"	10.0		94.9	70-130				
Carbon tetrachloride	9.98		"	10.0		99.8	70-130				
Chlorobenzene	10.6		"	10.0		106	70-130				
Chloroethane	10.4		"	10.0		104	70-130				
Chloroform	9.53		"	10.0		95.3	70-130				
Chloromethane	8.03		"	10.0		80.3	70-130				
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	70-130				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	11.1		"	10.0		111	70-130				
Dichlorodifluoromethane	9.92		"	10.0		99.2	70-130				
Ethyl acetate	12.1		"	10.0		121	70-130				
Ethyl Benzene	10.9		"	10.0		109	70-130				
Hexachlorobutadiene	15.4		"	10.0		154	70-130	High Bias			
Isopropanol	7.86		"	10.0		78.6	70-130				
Methyl Methacrylate	10.6		"	10.0		106	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	9.99		"	10.0		99.9	70-130				
Naphthalene	9.56		"	10.0		95.6	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	10.0		"	10.0		100	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	21.9		"	20.0		109	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
Propylene	10.1		"	10.0		101	70-130				
Styrene	11.3		"	10.0		113	70-130				
Tetrachloroethylene	11.3		"	10.0		113	70-130				
Tetrahydrofuran	10.2		"	10.0		102	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	70-130				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Trichloroethylene	10.3		"	10.0		103	70-130				
Trichlorofluoromethane (Freon 11)	9.72		"	10.0		97.2	70-130				
Vinyl acetate	4.53		"	10.0		45.3	70-130	Low Bias			
Vinyl bromide	9.77		"	10.0		97.7	70-130				
Vinyl Chloride	9.30		"	10.0		93.0	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C0945

Page ____ of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Gallagher Prosser	Company:	Company:	21003-0155	RUSH - Next Day
Address: 22 IBM Rd, Suite 101	Address:	Address:	YOUR Project Name: 21003-0155	RUSH - Two Day
Phone.: 845 867 4711	Phone.:	Phone.: 845 867 4710		RUSH - Three Day
Contact: Jay Schmidt	Contact:	Contact: Brenda Wells		RUSH - Four Day
E-mail: Jay_Schmidt@gbpa.com	E-mail:	E-mail: Brenda_Wells@gbpa.com	YOUR PO#:	Standard (5-7 Day) X

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

Jay Schmidt

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

Jay Schmidt

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

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

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

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
IA-01	3/12-3/13	AI	-30	-10	43001	7422	TO-15 SIM
IA-02	↓	AI	-29	-8	51431	7094	↓
IA-03		AI	-28	-1	50341	20164	
IA-04		AI	-29	-10	37004	7606	
OA-01		AO	-28	-5	49991	6877	

Comments:

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

Sampling Media
- 6 Liter Canister
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Jay Schmidt	3-14-25	Chris C	3-14-25 9:30	Chris C	3-14-25 1445
Samples Received by / Company	**Date/Time**	**Samples Relinquished by / Company**	**Date/Time**	**Samples Received by / Company**	**Date/Time**
3/14/25 14:45		3/14/25			
Samples Relinquished by / Company	**Date/Time**	**Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time**
				3/17/25	8:00

Technical Report

prepared for:

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Erick Salazar

Report Date: 08/14/2025
Client Project ID: 21003-0155
York Project (SDG) No.: 25H0575

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

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

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

Report Date: 08/14/2025
Client Project ID: 21003-0155
York Project (SDG) No.: 25H0575

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Erick Salazar

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 August 08, 2025 and listed below. The project was identified as your project: **21003-0155**.

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
25H0575-01	IA-01 20250808	Indoor Ambient Air	08/08/2025	08/08/2025
25H0575-02	IA-02 20250808	Indoor Ambient Air	08/08/2025	08/08/2025
25H0575-03	IA-03 20250808	Indoor Ambient Air	08/08/2025	08/08/2025
25H0575-04	IA-04 2050808	Indoor Ambient Air	08/08/2025	08/08/2025
25H0575-05	OA-01 20250808	Outdoor Ambient Ai	08/08/2025	08/08/2025

General Notes for York Project (SDG) No.: 25H0575

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 08/14/2025

Sample Information

Client Sample ID: **IA-01 20250808** **York Sample ID:** **25H0575-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.67	0.983	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 09:41	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.67	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.75	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.39	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.73	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.72**		ug/m³	0.48	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.76	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.48	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.65	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.983	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 09:41	YR
106-46-7	**1,4-Dichlorobenzene**	**8.8**	ICVE	ug/m³	0.59	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.71	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
540-84-1	* ^2,2,4-Trimethylpentane	**0.60**		ug/m³	0.23	0.983	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 09:41	YR
78-93-3	**2-Butanone**	**1.7**	B	ug/m³	0.29	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR

Sample Information

Client Sample ID: **IA-01 20250808** **York Sample ID:** **25H0575-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.81	0.983	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 09:41	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.40	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
67-64-1	**Acetone**	**13**	B	ug/m³	0.47	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
107-13-1	**Acrylonitrile**	**2.6**		ug/m³	0.21	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
71-43-2	**Benzene**	**0.69**		ug/m³	0.31	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.66	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-25-2	Bromoform	ND		ug/m³	1.0	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
74-83-9	Bromomethane	ND		ug/m³	0.38	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
56-23-5	**Carbon tetrachloride**	**0.43**		ug/m³	0.15	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-00-3	Chloroethane	ND		ug/m³	0.26	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
67-66-3	**Chloroform**	**1.0**		ug/m³	0.48	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
74-87-3	**Chloromethane**	**1.8**	TO-CCV, TO-LCS-H	ug/m³	0.20	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.39	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.84	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.49	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR
141-78-6	*** Ethyl acetate**	**6.6**		ug/m³	0.71	0.983	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 09:41	YR

Sample Information

Client Sample ID: **IA-01 20250808** **York Sample ID:** **25H0575-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.47**		ug/m³	0.43	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**18**		ug/m³	0.48	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	0.68	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* ^Naphthalene	ND		ug/m³	5.2	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**0.44**		ug/m³	0.40	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.49**		ug/m³	0.35	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.51**		ug/m³	0.43	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.5**		ug/m³	0.85	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.48	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications:			
115-07-1	*** Propylene**	**3.7**		ug/m³	0.17	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.42	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**0.20**		ug/m³	0.17	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.58	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications:			
108-88-3	**Toluene**	**4.1**		ug/m³	0.37	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.55	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.983	EPA TO-15	08/11/2025 12:00	08/13/2025 09:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-01 20250808 **York Sample ID:** 25H0575-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.25	0.983	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 09:41	YR

Sample Information

Client Sample ID: IA-02 20250808 **York Sample ID:** 25H0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.68	0.988	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 10:29	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.68	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.39	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.73	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.9**		ug/m³	0.49	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.76	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR
108-67-8	**1,3,5-Trimethylbenzene**	**0.49**		ug/m³	0.49	0.988	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 10:29	YR

Sample Information

Client Sample ID: IA-02 20250808 **York Sample ID:** 25H0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**2.3**	ICVE	ug/m³	0.59	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.71	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	*** ^2,2,4-Trimethylpentane**	**0.74**		ug/m³	0.23	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
78-93-3	**2-Butanone**	**2.0**	B	ug/m³	0.29	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	*** 2-Hexanone**	**1.5**		ug/m³	0.81	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**0.49**		ug/m³	0.40	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**39**	B	ug/m³	0.47	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**26**		ug/m³	0.21	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.69**		ug/m³	0.32	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.66	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.0	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.38	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**1.2**		ug/m³	0.31	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.16	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**1.3**		ug/m³	0.48	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **IA-02 20250808** **York Sample ID:** **25H0575-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**1.9**	TO-CCV, TO-LCS-H	ug/m³	0.20	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.39	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.84	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.49	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**14**		ug/m³	0.71	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.0**		ug/m³	0.43	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**18**		ug/m³	0.49	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**0.86**		ug/m³	0.69	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* ^Naphthalene	ND		ug/m³	5.2	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**0.49**		ug/m³	0.40	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.91**		ug/m³	0.35	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.43	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**4.1**		ug/m³	0.86	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.3**		ug/m³	0.49	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
115-07-1	*** Propylene**	**1.7**		ug/m³	0.17	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
100-42-5	**Styrene**	**0.80**		ug/m³	0.42	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-02 20250808 **York Sample ID:** 25H0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.27**		ug/m³	0.17	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* **Tetrahydrofuran**	**1.0**		ug/m³	0.58	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications:			
108-88-3	**Toluene**	**3.7**		ug/m³	0.37	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.56	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.25	0.988	EPA TO-15	08/11/2025 12:00	08/13/2025 10:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-03 20250808 **York Sample ID:** 25H0575-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **IA-03 20250808** **York Sample ID:** **25H0575-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.74	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.54**		ug/m³	0.49	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.999	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 11:16	YR
106-46-7	**1,4-Dichlorobenzene**	**9.7**	ICVE	ug/m³	0.60	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
540-84-1	* ^2,2,4-Trimethylpentane	**0.98**		ug/m³	0.23	0.999	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 11:16	YR
78-93-3	**2-Butanone**	**2.1**	B	ug/m³	0.29	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
591-78-6	* 2-Hexanone	**1.1**		ug/m³	0.82	0.999	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 11:16	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.6	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
67-64-1	**Acetone**	**35**	B	ug/m³	0.47	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
107-13-1	**Acrylonitrile**	**4.7**		ug/m³	0.22	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
71-43-2	**Benzene**	**0.93**		ug/m³	0.32	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR

Sample Information

Client Sample ID: IA-03 20250808 **York Sample ID:** 25H0575-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
75-25-2	Bromoform	ND		ug/m³	1.0	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
74-83-9	Bromomethane	ND		ug/m³	0.39	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
75-15-0	**Carbon disulfide**	**0.37**		ug/m³	0.31	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.16	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
75-00-3	Chloroethane	ND		ug/m³	0.26	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
67-66-3	**Chloroform**	**0.59**		ug/m³	0.49	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
74-87-3	**Chloromethane**	**2.3**	TO-CCV, TO-LCS-H	ug/m³	0.21	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
110-82-7	**Cyclohexane**	**0.65**		ug/m³	0.34	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
75-71-8	**Dichlorodifluoromethane**	**1.8**		ug/m³	0.49	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
141-78-6	*** Ethyl acetate**	**12**		ug/m³	0.72	0.999	EPA TO-15 Certifications:	08/11/2025 12:00	08/13/2025 11:16	YR
100-41-4	**Ethyl Benzene**	**0.61**		ug/m³	0.43	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
67-63-0	**Isopropanol**	**85**		ug/m³	0.49	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
75-09-2	Methylene chloride	ND		ug/m³	0.69	0.999	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR
91-20-3	* ^Naphthalene	ND		ug/m³	5.2	0.999	EPA TO-15 Certifications: NJDEP-NY037	08/11/2025 12:00	08/13/2025 11:16	YR

Sample Information

Client Sample ID: IA-03 20250808 **York Sample ID:** 25H0575-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	**n-Heptane**	**0.53**		ug/m³	0.41	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.88**		ug/m³	0.35	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.91**		ug/m³	0.43	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**2.2**		ug/m³	0.87	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications:			
115-07-1	*** Propylene**	**2.2**		ug/m³	0.17	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications:			
100-42-5	**Styrene**	**0.51**		ug/m³	0.43	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**0.88**		ug/m³	0.17	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications:			
108-88-3	**Toluene**	**5.7**		ug/m³	0.38	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.56	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.999	EPA TO-15	08/11/2025 12:00	08/13/2025 11:16	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-04 2050808 **York Sample ID:** 25H0575-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **IA-04 2050808** **York Sample ID:** **25H0575-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.68	0.997	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 08:18	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.68	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	0.74	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.3**		ug/m³	0.49	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.997	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 08:18	YR
106-46-7	**1,4-Dichlorobenzene**	**4.6**	ICVE	ug/m³	0.60	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
540-84-1	* ^**2,2,4-Trimethylpentane**	**2.7**		ug/m³	0.23	0.997	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 08:18	YR
78-93-3	**2-Butanone**	**2.6**		ug/m³	0.29	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	0.997	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 08:18	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.6	0.997	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 08:18	YR

Sample Information

Client Sample ID: IA-04 2050808 **York Sample ID:** 25H0575-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.45**		ug/m³	0.41	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**31**		ug/m³	0.47	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**67**		ug/m³	0.22	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**1.3**		ug/m³	0.32	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.0	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.39	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**0.59**		ug/m³	0.31	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.94**		ug/m³	0.16	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**3.3**		ug/m³	0.49	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.4**	TO-CCV, TO-LCS-H	ug/m³	0.21	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**0.79**		ug/m³	0.34	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**1.4**		ug/m³	0.49	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**6.8**		ug/m³	0.72	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.2**		ug/m³	0.43	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **IA-04 2050808** **York Sample ID:** **25H0575-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Indoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**100**		ug/m³	0.49	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	0.69	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* ^Naphthalene	ND		ug/m³	5.2	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**1.9**		ug/m³	0.41	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**2.2**		ug/m³	0.35	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.43	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**7.7**		ug/m³	0.87	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.49	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:			
100-42-5	**Styrene**	**0.89**		ug/m³	0.42	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.17	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications:			
108-88-3	**Toluene**	**11**		ug/m³	0.38	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.78**		ug/m³	0.56	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.25	0.997	EPA TO-15	08/13/2025 07:00	08/14/2025 08:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **OA-01 20250808** **York Sample ID:** **25H0575-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Outdoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.99	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.99	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.73	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.72	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.98**		ug/m³	0.89	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.73	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.89	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
540-84-1	* ^**2,2,4-Trimethylpentane**	**1.6**		ug/m³	0.42	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
78-93-3	**2-Butanone**	**1.7**		ug/m³	0.53	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR

Sample Information

Client Sample ID: **OA-01 20250808** **York Sample ID:** **25H0575-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Outdoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
108-10-1	**4-Methyl-2-pentanone**	**0.74**		ug/m³	0.74	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
67-64-1	**Acetone**	**37**		ug/m³	0.86	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
107-13-1	**Acrylonitrile**	**64**		ug/m³	0.39	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
71-43-2	**Benzene**	**2.3**		ug/m³	0.58	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.94	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-25-2	Bromoform	ND		ug/m³	1.9	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
74-83-9	Bromomethane	ND		ug/m³	0.70	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.56	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
56-23-5	**Carbon tetrachloride**	**0.68**		ug/m³	0.28	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.83	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-00-3	Chloroethane	ND		ug/m³	0.48	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
67-66-3	Chloroform	ND		ug/m³	0.88	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
74-87-3	**Chloromethane**	**2.7**	TO-CCV, TO-LCS-H	ug/m³	0.37	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.72	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.82	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
110-82-7	Cyclohexane	ND		ug/m³	0.62	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-71-8	**Dichlorodifluoromethane**	**3.3**		ug/m³	0.90	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
141-78-6	*** Ethyl acetate**	**23**		ug/m³	1.3	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
100-41-4	**Ethyl Benzene**	**1.6**		ug/m³	0.79	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR

Sample Information

Client Sample ID: OA-01 20250808 **York Sample ID:** 25H0575-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Outdoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
67-63-0	**Isopropanol**	**8.7**		ug/m³	0.89	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.74	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.65	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
91-20-3	* ^Naphthalene	ND		ug/m³	9.5	1.811	EPA TO-15 Certifications: NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
142-82-5	**n-Heptane**	**0.89**		ug/m³	0.74	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
110-54-3	**n-Hexane**	**1.3**		ug/m³	0.64	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.79	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
179601-23-1	**p- & m- Xylenes**	**4.8**		ug/m³	1.6	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.89	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
115-07-1	*** Propylene**	**3.0**		ug/m³	0.31	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
100-42-5	Styrene	ND		ug/m³	0.77	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.31	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.811	EPA TO-15 Certifications:	08/13/2025 07:00	08/14/2025 09:05	YR
108-88-3	**Toluene**	**7.4**		ug/m³	0.68	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.82	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.24	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	1.0	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.64	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.79	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.46	1.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/13/2025 07:00	08/14/2025 09:05	YR

Sample Information

Client Sample ID: **OA-01 20250808** **York Sample ID:** **25H0575-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0575	21003-0155	Outdoor Ambient Air	August 8, 2025 12:20 pm	08/08/2025

Analytical Batch Summary

Batch ID: BH50919 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25H0575-01	IA-01 20250808	08/11/25
25H0575-02	IA-02 20250808	08/11/25
25H0575-03	IA-03 20250808	08/11/25
BH50919-BLK1	Blank	08/11/25
BH50919-BS1	LCS	08/11/25

Batch ID: BH51061 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25H0575-04	IA-04 2050808	08/13/25
25H0575-05	OA-01 20250808	08/13/25
BH51061-BLK1	Blank	08/12/25
BH51061-BS1	LCS	08/12/25
BH51061-DUP1	Duplicate	08/12/25

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 BH50919 - EPA TO15 PREP											
Blank (BH50919-BLK1)											
Prepared: 08/11/2025 Analyzed: 08/12/2025											
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	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	0.38	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	0.69	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50919 - EPA TO15 PREP											
Blank (BH50919-BLK1)									Prepared: 08/11/2025 Analyzed: 08/12/2025		
Methylene chloride	ND	0.69	ug/m³								
Naphthalene	ND	5.2	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
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	0.26	"								
LCS (BH50919-BS1)									Prepared: 08/11/2025 Analyzed: 08/12/2025		
1,1,1,2-Tetrachloroethane	9.95		ppbv	10.0		99.5	70-130				
1,1,1-Trichloroethane	9.06		"	10.0		90.6	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	70-130				
1,1,2-Trichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethane	9.90		"	10.0		99.0	70-130				
1,1-Dichloroethylene	9.64		"	10.0		96.4	70-130				
1,2,4-Trichlorobenzene	14.3		"	10.0		143	70-130	High Bias			
1,2,4-Trimethylbenzene	10.1		"	10.0		101	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,2-Dichloroethane	9.33		"	10.0		93.3	70-130				
1,2-Dichloropropane	11.0		"	10.0		110	70-130				
1,2-Dichlorotetrafluoroethane	11.9		"	10.0		119	70-130				
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	70-130				
1,3-Butadiene	10.1		"	10.0		101	70-130				
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130				
1,3-Dichloropropane	10.8		"	10.0		108	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2,2,4-Trimethylpentane	10.1		"	10.0		101	70-130				
2-Butanone	9.92		"	10.0		99.2	70-130				
2-Hexanone	11.6		"	10.0		116	70-130				
3-Chloropropene	9.95		"	10.0		99.5	70-130				
4-Methyl-2-pentanone	10.8		"	10.0		108	70-130				
Acetone	8.56		"	10.0		85.6	70-130				
Acrylonitrile	9.58		"	10.0		95.8	70-130				
Benzene	9.65		"	10.0		96.5	70-130				
Benzyl chloride	11.7		"	10.0		117	70-130				
Bromodichloromethane	10.2		"	10.0		102	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 BH50919 - EPA TO15 PREP											
LCS (BH50919-BS1)								Prepared: 08/11/2025 Analyzed: 08/12/2025			
Bromoform	10.9		ppbv	10.0		109	70-130				
Bromomethane	9.76		"	10.0		97.6	70-130				
Carbon disulfide	9.69		"	10.0		96.9	70-130				
Carbon tetrachloride	9.22		"	10.0		92.2	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				
Chloroethane	10.2		"	10.0		102	70-130				
Chloroform	9.35		"	10.0		93.5	70-130				
Chloromethane	15.1		"	10.0		151	70-130	High Bias			
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Cyclohexane	10.1		"	10.0		101	70-130				
Dibromochloromethane	10.5		"	10.0		105	70-130				
Dichlorodifluoromethane	9.37		"	10.0		93.7	70-130				
Ethyl acetate	9.97		"	10.0		99.7	70-130				
Ethyl Benzene	10.1		"	10.0		101	70-130				
Hexachlorobutadiene	8.77		"	10.0		87.7	70-130				
Isopropanol	9.61		"	10.0		96.1	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				
Methyl tert-butyl ether (MTBE)	9.65		"	10.0		96.5	70-130				
Methylene chloride	9.86		"	10.0		98.6	70-130				
Naphthalene	10.9		"	10.0		109	70-130				
n-Heptane	10.1		"	10.0		101	70-130				
n-Hexane	10.1		"	10.0		101	70-130				
o-Xylene	10.2		"	10.0		102	70-130				
p- & m- Xylenes	20.1		"	20.0		100	70-130				
p-Ethyltoluene	10.4		"	10.0		104	70-130				
Propylene	9.93		"	10.0		99.3	70-130				
Styrene	10.7		"	10.0		107	70-130				
Tetrachloroethylene	9.56		"	10.0		95.6	70-130				
Tetrahydrofuran	9.89		"	10.0		98.9	70-130				
Toluene	10.2		"	10.0		102	70-130				
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	70-130				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Trichloroethylene	10.2		"	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	9.08		"	10.0		90.8	70-130				
Vinyl acetate	11.2		"	10.0		112	70-130				
Vinyl bromide	9.80		"	10.0		98.0	70-130				
Vinyl Chloride	11.5		"	10.0		115	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51061 - EPA TO15 PREP											
Blank (BH51061-BLK1)											
Prepared: 08/12/2025 Analyzed: 08/13/2025											
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	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51061 - EPA TO15 PREP											
Blank (BH51061-BLK1)									Prepared: 08/12/2025 Analyzed: 08/13/2025		
Naphthalene	ND	5.2	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
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	0.26	"								
LCS (BH51061-BS1)									Prepared: 08/12/2025 Analyzed: 08/13/2025		
1,1,1,2-Tetrachloroethane	10.0		ppbv	10.0		100	70-130				
1,1,1-Trichloroethane	8.79		"	10.0		87.9	70-130				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.84		"	10.0		88.4	70-130				
1,1,2-Trichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethane	9.66		"	10.0		96.6	70-130				
1,1-Dichloroethylene	9.48		"	10.0		94.8	70-130				
1,2,4-Trichlorobenzene	14.9		"	10.0		149	70-130	High Bias			
1,2,4-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,2-Dibromoethane	10.9		"	10.0		109	70-130				
1,2-Dichlorobenzene	10.8		"	10.0		108	70-130				
1,2-Dichloroethane	9.34		"	10.0		93.4	70-130				
1,2-Dichloropropane	11.6		"	10.0		116	70-130				
1,2-Dichlorotetrafluoroethane	10.9		"	10.0		109	70-130				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70-130				
1,3-Butadiene	9.95		"	10.0		99.5	70-130				
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130				
1,3-Dichloropropane	11.4		"	10.0		114	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	10.9		"	10.0		109	70-130				
2,2,4-Trimethylpentane	9.90		"	10.0		99.0	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	13.0		"	10.0		130	70-130				
3-Chloropropene	10.1		"	10.0		101	70-130				
4-Methyl-2-pentanone	12.1		"	10.0		121	70-130				
Acetone	8.74		"	10.0		87.4	70-130				
Acrylonitrile	9.52		"	10.0		95.2	70-130				
Benzene	9.23		"	10.0		92.3	70-130				
Benzyl chloride	11.8		"	10.0		118	70-130				
Bromodichloromethane	10.8		"	10.0		108	70-130				
Bromoform	10.9		"	10.0		109	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51061 - EPA TO15 PREP											
LCS (BH51061-BS1)								Prepared: 08/12/2025 Analyzed: 08/13/2025			
Bromomethane	8.89		ppbv	10.0		88.9	70-130				
Carbon disulfide	9.28		"	10.0		92.8	70-130				
Carbon tetrachloride	8.88		"	10.0		88.8	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				
Chloroethane	9.69		"	10.0		96.9	70-130				
Chloroform	9.04		"	10.0		90.4	70-130				
Chloromethane	13.8		"	10.0		138	70-130	High Bias			
cis-1,2-Dichloroethylene	9.27		"	10.0		92.7	70-130				
cis-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Cyclohexane	9.91		"	10.0		99.1	70-130				
Dibromochloromethane	10.8		"	10.0		108	70-130				
Dichlorodifluoromethane	8.98		"	10.0		89.8	70-130				
Ethyl acetate	10.1		"	10.0		101	70-130				
Ethyl Benzene	10.2		"	10.0		102	70-130				
Hexachlorobutadiene	9.52		"	10.0		95.2	70-130				
Isopropanol	9.78		"	10.0		97.8	70-130				
Methyl Methacrylate	11.9		"	10.0		119	70-130				
Methyl tert-butyl ether (MTBE)	9.22		"	10.0		92.2	70-130				
Methylene chloride	9.91		"	10.0		99.1	70-130				
Naphthalene	11.6		"	10.0		116	70-130				
n-Heptane	10.3		"	10.0		103	70-130				
n-Hexane	9.89		"	10.0		98.9	70-130				
o-Xylene	10.4		"	10.0		104	70-130				
p- & m- Xylenes	20.6		"	20.0		103	70-130				
p-Ethyltoluene	10.6		"	10.0		106	70-130				
Propylene	10.0		"	10.0		100	70-130				
Styrene	10.9		"	10.0		109	70-130				
Tetrachloroethylene	9.79		"	10.0		97.9	70-130				
Tetrahydrofuran	10.0		"	10.0		100	70-130				
Toluene	10.6		"	10.0		106	70-130				
trans-1,2-Dichloroethylene	9.60		"	10.0		96.0	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	10.6		"	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	8.76		"	10.0		87.6	70-130				
Vinyl acetate	10.9		"	10.0		109	70-130				
Vinyl bromide	8.88		"	10.0		88.8	70-130				
Vinyl Chloride	10.9		"	10.0		109	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 BH51061 - EPA TO15 PREP											
Duplicate (BH51061-DUP1)	*Source sample: 25H0575-05 (OA-01 20250808)								Prepared: 08/12/2025 Analyzed: 08/14/2025		
1,1,1,2-Tetrachloroethane	ND	1.2	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.99	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2-Trichloroethane	ND	0.99	"		ND					25	
1,1-Dichloroethane	ND	0.73	"		ND					25	
1,1-Dichloroethylene	ND	0.72	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,2,4-Trimethylbenzene	0.98	0.89	"		0.98				0.00	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2-Dichloroethane	ND	0.73	"		ND					25	
1,2-Dichloropropane	ND	0.84	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.89	"		ND					25	
1,3-Butadiene	ND	1.2	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichloropropane	ND	0.84	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,4-Dioxane	ND	1.3	"		ND					25	
2,2,4-Trimethylpentane	1.7	0.42	"		1.6				5.13	25	
2-Butanone	1.7	0.53	"		1.7				0.00	25	
2-Hexanone	ND	1.5	"		ND					25	
3-Chloropropene	ND	2.8	"		ND					25	
4-Methyl-2-pentanone	ND	0.74	"		ND					25	
Acetone	38	0.86	"		37				2.05	25	
Acrylonitrile	65	0.39	"		64				1.03	25	
Benzene	2.4	0.58	"		2.3				2.47	25	
Benzyl chloride	ND	0.94	"		ND					25	
Bromodichloromethane	ND	1.2	"		ND					25	
Bromoform	ND	1.9	"		ND					25	
Bromomethane	ND	0.70	"		ND					25	
Carbon disulfide	ND	0.56	"		ND					25	
Carbon tetrachloride	0.68	0.28	"		0.68				0.00	25	
Chlorobenzene	ND	0.83	"		ND					25	
Chloroethane	ND	0.48	"		ND					25	
Chloroform	ND	0.88	"		ND					25	
Chloromethane	2.7	0.37	"		2.7				1.40	25	
cis-1,2-Dichloroethylene	ND	0.72	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.82	"		ND					25	
Cyclohexane	ND	0.62	"		ND					25	
Dibromochloromethane	ND	1.5	"		ND					25	
Dichlorodifluoromethane	3.4	0.90	"		3.3				2.67	25	
Ethyl acetate	23	1.3	"		23				2.56	25	
Ethyl Benzene	1.6	0.79	"		1.6				0.00	25	
Hexachlorobutadiene	ND	1.9	"		ND					25	
Isopropanol	8.9	0.89	"		8.7				1.52	25	
Methyl Methacrylate	ND	0.74	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.65	"		ND					25	
Methylene chloride	ND	1.3	"		ND					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 BH51061 - EPA TO15 PREP											
Duplicate (BH51061-DUP1)	*Source sample: 25H0575-05 (OA-01 20250808)								Prepared: 08/12/2025 Analyzed: 08/14/2025		
Naphthalene	ND	9.5	ug/m³		ND					25	
n-Heptane	0.89	0.74	"		0.89				0.00	25	
n-Hexane	1.3	0.64	"		1.3				4.88	25	
o-Xylene	1.7	0.79	"		1.6				4.88	25	
p- & m- Xylenes	4.9	1.6	"		4.8				1.63	25	
p-Ethyltoluene	ND	0.89	"		ND					25	
Propylene	3.1	0.31	"		3.0				2.04	25	
Styrene	ND	0.77	"		ND					25	
Tetrachloroethylene	ND	0.31	"		ND					25	
Tetrahydrofuran	ND	1.1	"		ND					25	
Toluene	7.5	0.68	"		7.4				0.913	25	
trans-1,2-Dichloroethylene	ND	0.72	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.82	"		ND					25	
Trichloroethylene	ND	0.24	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.8	1.0	"		1.7				5.71	25	
Vinyl acetate	ND	0.64	"		ND					25	
Vinyl bromide	ND	0.79	"		ND					25	
Vinyl Chloride	ND	0.46	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

YORK Project No. 25H0575

YOUR Information	Report To:	Invoice To:
Company: Gallagher Bassett Technical Services	Company: Gallagher Bassett Technical Services	Company: Gallagher Bassett Technical Services
Address: 22 IBM Road, Suite 101 Poughkeepsie, New York 12601	Address: 22 IBM Road, Suite 101 Poughkeepsie, New York 12601	Address: 22 IBM Road, Suite 101 Poughkeepsie, New York 12601
Phone: (845) 867-4716	Phone: (845) 867-4716	Phone:
Contact: Erick Salazar	Contact: Erick Salazar	Contact: Ashley. Torres
E-mail: erick_salazar@gbtpa.com	E-mail: erick_salazar@gbtpa.com	E-mail: GBTS.Payables@gbtpa.com

YOUR Project Number 21003-0155

YOUR Project Name 21003-0155

YOUR PO#: 21003-0155

Turn-Around Time

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

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

Erick Salazar

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	x
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	NYSDEC EQuIS
NY ASP B Package	Deliverables	NJDEP SRP HazSite
	NJDKQP	Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
NYS DOH SVI Matrices

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 x ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before sampling (Hg)	Canister Vacuum After sampling (Hg)	Canister ID	Flow Cont. ID	Analysis Requested
IA-01 20250808	8/8/2025	AI	-30	-9	37785	17981	TO-15 SIM
IA-02 20250808	8/8/2025	AI	-30	-9	50275	20418	TO-15 SIM
IA-03 20250808	8/8/2025	AI	-30	-9	48321	21038	TO-15 SIM
IA-04 20250808	8/8/2025	AI	-30	-17	50326	7422	TO-15 SIM
OA-01 20250808	8/8/2025	AO	-30	-11	48316	20232	TO-15 SIM

Comments: 24-hour samples started on 8/7/2025

Detection Limits Required

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

Sampling Media

6 Liter Canister	x
Tedlar Bag	

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Jaime Soto			8-8-25 12:20		8-8-25
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 in LAB by	Date / Time Temperature Degrees C
					8/8/25 15:00

APPENDIX E

Vapor Extraction System and Barrier Layer Inspection/ Monitoring Checklist

GALLAGHER BASSETT | TECHNICAL SERVICES

Vapor Extraction System and Barrier Layer Inspection/Monitoring Checklist
BCP Site C203014
Parkview Commons Site

Vapor Extraction System Component	Condition	No	Yes	N/A	Describe Deficiency	Describe Corrective Action
HVAC System	Operational and maintained?			X		See Note 1 Below
Building Floor Slab	Holes, cracks or other physical deficiencies?	X				
Riser Pipes (above roofline)	Holes, cracks, or other physical deficiencies?	X				
Fan #1 (See attached map for fan location)	Operational?		X			
	Physical Damage?	X				
	Excessive Noise?	X				
Fan#2 (See attached map for fan location)	Operational?		X			
	Physical Damage?	X				
	Excessive Noise?	X				
Fan#3 (See attached map for fan location)	Operational?		X			
	Physical Damage?	X				
	Excessive Noise?	X				
Barrier Layer - asphalt parking areas	Is asphalt intact?		X			
	Substantial cracks?	X			minor cracks	
Barrier Layer - sidewalk/walkways (on-site only)	Are sidewalks intact?		X			
	Substantial cracks?	X			minor cracks	
Barrier layer - landscaped area	Any subsidence?	X				
	Substantial cracks?	X				

Note 1: Each residential unit has its own HVAC system. These units have no effect on the Site's VES.

Hannah Brown, Environmental Field Technician
Name of Inspector (Print)

Hannah Brown
Signature of Inspector

August 7, 2025
Date of Inspection

GALLAGHER BASSETT | TECHNICAL SERVICES

U-manometer Readings Log Sheet

Site Name: Parkview Commons Site
NYSDEC BCP Site No.: C203014

Instructions:
Record U-manometer readings biweekly (i.e. every other week) by reading the scale at the level of the liquid.
If you have questions on how to read the manometer please contact Gallagher Bassett Technical Services (GBTS) at (212) 631-9000.
The liquid level on the side of the tubing connected to the pipe should be higher than the side of the tubing exposed to the air.
If the liquid level is NOT higher on the side of the tubing connected to the pipe, contact GBTS within 48 hours.

Date	Inspector Name	Inspector Signature	~~U-manometer~~ Visual gage Readings (inches of water column)			Additional Notes
			VP-1 (Refuse Room)	VP-2 (Refuse Room)	VP-3 (Roof Top)	
8/7	Erick Salazar		8.246	0.532		

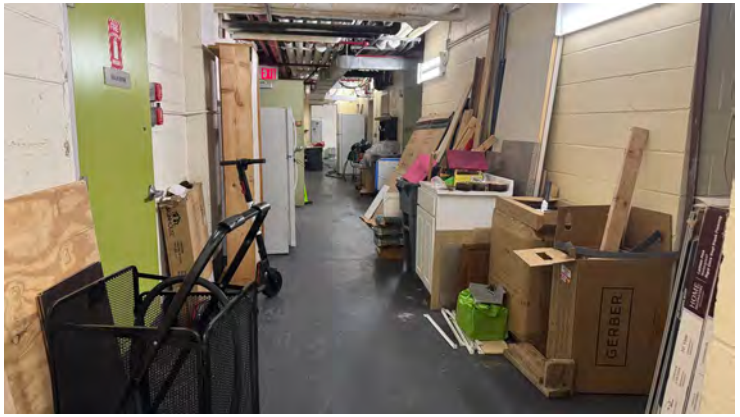
APPENDIX F

Annual Inspection Photographs

1. **871 Elton Avenue, looking northwest from E 160th Street**

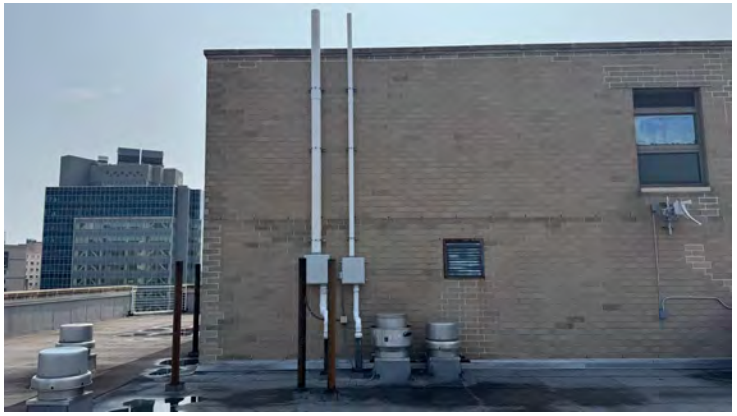
2. **Asphalt parking barrier layer, western portion of Site**

3. **Courtyard barrier layer, central portion of Site**



4. **Cellar slab barrier layer**

5. **Audible alarms and visual gauges for VP-1 (left) and VP-2 (right) displaying negative pressure readings**



6. **VES fans connected to VP-1 and VP-2, located on roof**

7. **Gauge corresponding to VP-3 displaying negative pressure reading**

8. **VES fan connected to VP-3, located on southern roof**

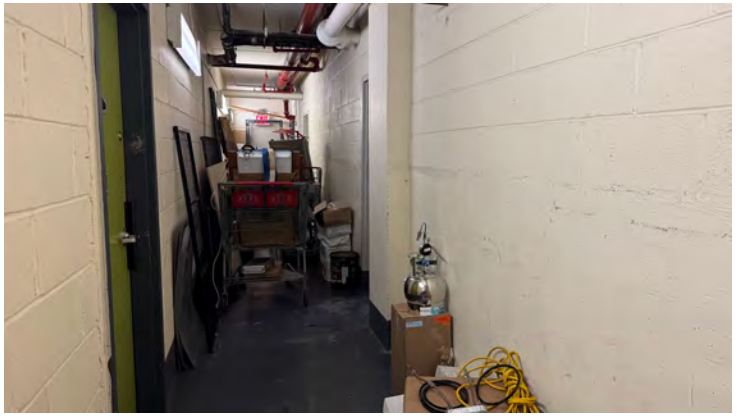
9. Negative pressure reading at VEMP-1R, northwestern portion of building

10. Negative pressure reading at VEMP-2, northeastern portion of building

11. Negative pressure reading at VEMP-3R, southwestern portion of building

12. Negative pressure reading at VEMP-4, southeastern portion of building

13. Chemical storage, cellar storage room



14. Typical indoor air sample, AI-04

APPENDIX G

EC/IC Certification Form

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

Site Details **Box 1**

Site No. **C203014**

Site Name Parkview Commons

Site Address: 871 Elton Avenue Zip Code: 10451
City/Town: Bronx
County: Bronx
Site Acreage: 0.670

Reporting Period: January 03, 2023 to **October** 31, 2025

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C203014 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
9-2382-16	BX Parkview Associates, LLC	Soil Management Plan Landuse Restriction Ground Water Use Restriction Site Management Plan O&M Plan IC/EC Plan

Institution Control Components:

- Vegetable gardens are prohibited;
- The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for intended purpose;
- Groundwater and other environmental or public health monitoring, and reporting of information thus obtained, will be performed in a manner specified in the NYSDECapproved Site Management Plan;
- If there is a proposed change of use, the NYSDEC will be notified;

Box 4

Description of Engineering Controls

Parcel	Engineering Control
9-2382-16	Vapor Mitigation Cover System

Engineering Control Components:

All future soil disturbance activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction must be conducted in accordance with the NYSDEC approved Soil Management Plan to ensure contaminated media will be properly maintained.

Sub-slab depressurization system will be operated and maintained in a manner specified in the NYSDEC-approved Operation and Maintenance Plan. Annual inspection and reporting, including operational and monitoring data, will be performed in a manner specified in the NYSDEC-approved Site Management Plan. The purpose of the active VES system is to intercept vapors containing petroleum hydrocarbons that may accumulate under the building.

The barrier layer consisting of the asphalt in the parking area, impervious sidewalks/walkways, the soil cover in the courtyard area, and the building structures, must be maintained in accordance with the NYSDEC-approved Operation and Maintenance Plan. The purpose of the barrier layer is to provide sufficient distance between known contaminated soil and future users of the property.
Description of physical components of engineering controls are included on the Environmental

Parcel	Engineering Control
Remediation Map.	

Box 5

Periodic Review Report (PRR) Certification Statements

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

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

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

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C203014

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Jessica Clemente (print name) at 754 Melrose Avenue Bronx, NY 10451 (print business address),

am certifying as Owner (Owner or Remedial Party)

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

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

01/06/2026
Date

EC CERTIFICATIONS

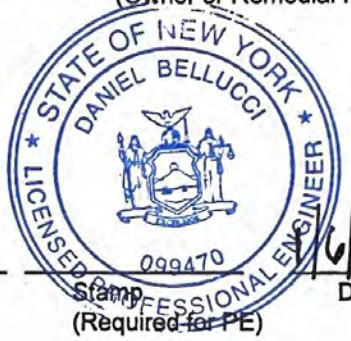
Box 7

Professional Engineer Signature

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

I Daniel Bellucci (print name) at 27 Belcrest Rd., W. Hartford CT (print business address),

am certifying as a Professional Engineer for the BX Parkview Associates, LLC (Owner or Remedial Party)



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

Stamp (Required for PE)

Date: 1/6/2026