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,

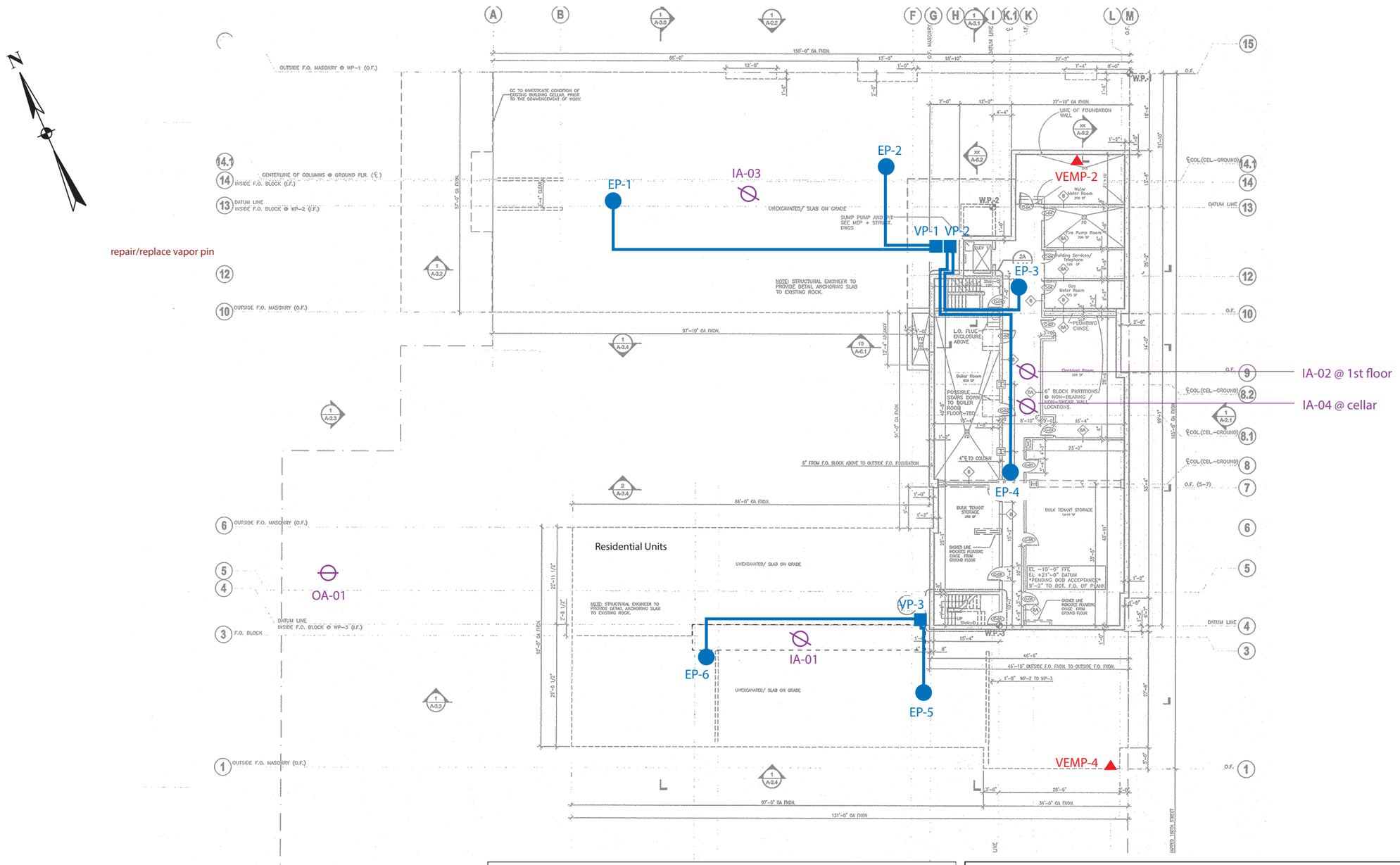
Erick Salazar
Project Manager
Gallagher Bassett Technical Services

Richard Hooker
Manager – Environmental Consulting
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 Eltan 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 ? _____

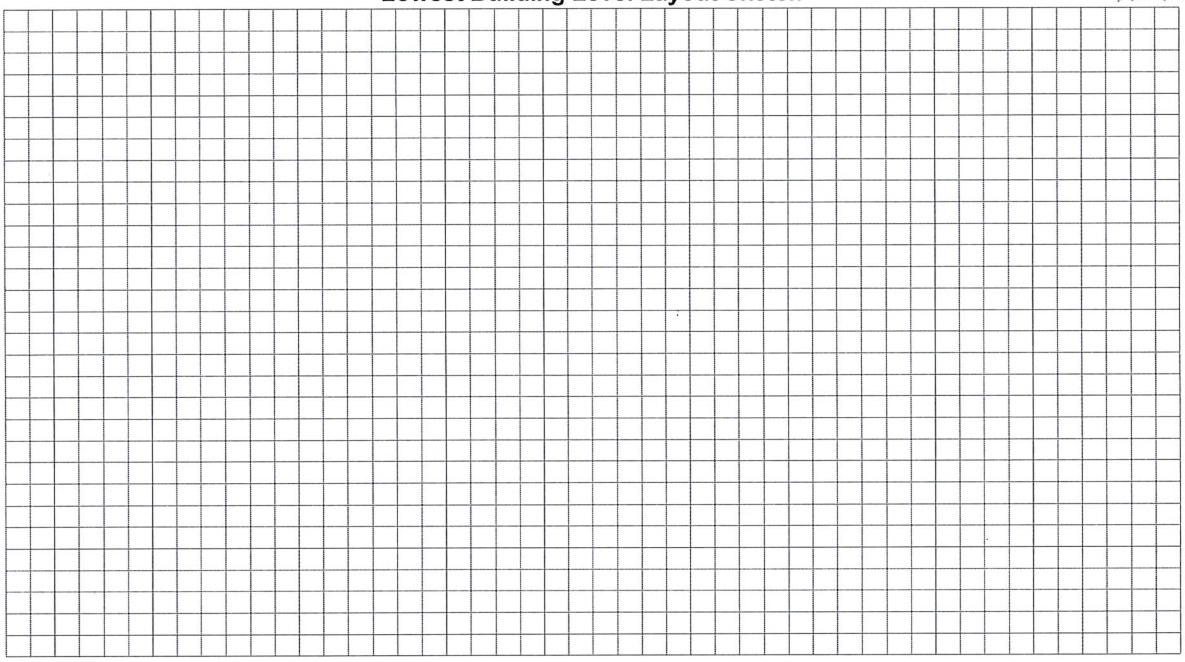
Do any building occupants use solvents at work ? ☐ Yes ☐ No Describe : _____

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
Telephone Room	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
cellar corridor	Crown-muriatic acid	1	muriatic acid, Baume	0.0	Cellar corridor
Doggie room ↑ 3.4 ppm	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	" "

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

GALLAGHER BASSETT | TECHNICAL SERVICES

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 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
100-42-5	Styrene	ND		ug/m³	0.40	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
127-18-4	**Tetrachloroethylene**	**0.25**		ug/m³	0.16	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.55	0.934	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 03:55	YR
108-88-3	**Toluene**	**1.7**		ug/m³	0.35	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.52	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LC S-L	ug/m³	0.33	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.24	0.934	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/27/2025 07:00	03/29/2025 03:55	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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.51	0.744	EPA TO-15 Certifications:	03/27/2025 07:00	03/29/2025 04:41	YR
71-55-6	1,1,1-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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	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
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-CCV	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-CCV	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 Bassett	Company: " "	Company: " "	21003-0155	RUSH - Next Day
Address: 22 IBM Rd, Suite 101	Address:	Address: " "	YOUR Project Name	RUSH - Two Day
Phone.: 845 867 4711	Phone.:	Phone.: 845 867 4710	21003-0155	RUSH - Three Day
Contact: Jay Schmidt	Contact:	Contact: Brenda Wells		RUSH - Four Day
E-mail: Jay_Schmidt@gbtpa.com	E-mail:	E-mail: Brenda_Wells@gbtpa.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
1A-01	3/12-3/13	AI	-30	-10	43001	7422	TO-15 SIM
1A-02	↓	AI	-29	-8	51431	7094	↓
1A-03		AI	-28	-1	50341	20164	
1A-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