Fleming Lee Shue

April 10, 2025

Mr. Christopher H. Allan
New York State Department of Environmental Conservation
Hunters Point Plaza, 47-40 21st Street
Long Island City, NY 11101

Re: **Corrective Action Report**
Info Tech High School – 21-16 44th Road, Long Island City, NY 11101
NYSDEC VCP Site Number V00366-2

Dear Mr. Allan:

Fleming, Lee Shue Environmental Engineering and Geology D.P.C. (FLS) has prepared this Corrective Action Report (CAR) to document indoor air monitoring completed at Info Tech High School (Site), per a request from the New York State Department of Environmental Conservation (NYSDEC) in its PRR rejection letter dated November 14, 2024. An indoor air sampling plan was proposed by FLS in the February 7, 2025 *Corrective Measures Work Plan* (CMWP) (Attachment 1) and subsequently approved in the NYSDEC letter dated February 21, 2025 (Attachment 2). The Site is currently in Site Management in accordance with the NYSDEC approved Site Management Plan (SMP) dated September 2008 and the subsequent *Site Management Plan Modification Summary* dated June 2017.

Background

In its letter, dated November 14, 2024, NYSDEC rejected the PRR due to the following reasons (Attachment 2):

1) The PRR refers to sub-slab soil vapor concentrations monitored through the sampling of the Sub-Slab Depressurization System effluent. This is not an accurate method of monitoring sub-slab soil vapor concentrations. To monitor sub-slab soil vapor concentrations, representative sub-slab soil vapor samples must be collected with summa canisters at vapor monitoring points located throughout the building;

2) The PRR did not include the date of the restart of the SSDS after the effluent piping was re-routed on the roof. Please indicate the date of the system restart. Additionally, add details regarding whether system measurements were within the operating parameters

(i.e., completion of pressure field extension testing to check for detectable vacuum across the slab, indoor air sampling completed, manometer checked, etc.); and

3) It does not appear that indoor air monitoring has occurred in the school building, as required by the SMP. Indoor air sampling must be conducted during the 2024-2025 heating season, and annually thereafter, to evaluate the effectiveness of the SSDS. During the annual indoor air sampling, pressure field extension testing must be completed to ensure that the entirety of the slab of the building is depressurized. Lastly, please explain why indoor air sampling and pressure field extension testing has not been conducted in accordance with the SMP.

Corrective Action

1. Semi-Annual Sub-Slab Monitoring

In the December 13, 2024 CMWP, FLS proposed collection of soil vapor samples from various lateral sampling ports in order to document sub-slab conditions. Following a discussion between NYSDEC and New York State Department of Health (NYSDOH) on January 14, 2025, it was determined that collection of soil vapor samples from the lateral sampling ports was not necessary to establish efficacy of the SSDS, and that semi-annual inspections of the SSDS should continue without change, per the approved SMP. Semi-Annual sub-slab monitoring events are currently conducted in 1st and 3rd Quarters each year. Per the SMP, and its subsequent revisions, monitoring of the SSDS will consist of a visual inspection of the complete system as currently constructed, including collection of a pressure reading, flow rate, temperature, and screening of sub-slab vapors with a Photoionization Detector (PID) at each individual SSDS lateral sample port. FLS has complied with the monitoring of the SSDS during semi-annual events, as outlined in the SMP.

On March 4, 2025, FLS conducted the 1st Quarter Semi-Annual SSDS monitoring and sampling event. System readings were collected from the each individual SSDS lateral sample port, the blower and effluent, including pressure, flow rate, temperature, and VOCs. A sample was collected from the effluent port of the system in a pre-cleaned laboratory certified 1.4L summa canister with a 2-hr flow regulate set to collect the sample at rate not to exceed 0.2L/min.

Analytical results were generally non-detect for the majority of compounds (46 of 66). Contaminant of concern for the Site, tetrachloroethylene (PCE), was most notably included in these non-detect results. Degradation products of PCE, including cis-1,2-dichloroethylene and vinyl chloride also yielded non-detect results. Of the compounds detected in the effluent sample, none were above their respective NYSDOH Ambient Air guidance values. This included, PCE degradation product trichloroethylene (TCE) (0.251 $\mu g/m^3$), well below its 2 $\mu g/m^3$ guidance value.

2. SSDS System Restart

On August 7, 2023, FLS was notified by the school that the effluent piping of the SSDS was damaged by scaffolding contractors during façade work on the building. On September 5, 2023, FLS conducted oversight of repairs to the SSDS effluent piping located on the roof of the building. The piping was rerouted from the roof parapet to the roof floor to avoid any conflicts with the future scaffolding use. The piping run was ultimately shortened by approximately 30 feet to the east due to observed operable air intakes near the exhaust in the adjacent building. This ensured that the stack emitted the exhaust more than the required 25 feet from operable air intakes. On September 5, 2023, following completion of the repair work to the effluent piping, the system was restarted per the SSDS start up procedure as outlined in Section 4.2.1.1.1 of the SMP.

3. Indoor Air Monitoring

Per the SMP, and its subsequent revisions, indoor air sampling will be conducted by the NYCDOE. In order to expedite approval of the 2024 PRR and provide a good faith effort to evaluate indoor air concentrations within the Site, the Participant agreed to conduct the indoor air sampling during the 1st Quarter of 2025, in compliance with NYSDOH guidance for evaluating indoor air during the heating season.

Indoor Air Sampling Scope

On March 4, 2025, FLS conducted the indoor air monitoring event. Prior to any sampling, FLS conducted an Indoor Air Quality Questionnaire and Building Inventory form (Attachment 3). Based on the area of the Site, and per the approved CMWP, FLS collected six (6) indoor air samples. Two (2) indoor air samples were collected at the cellar level of the building, and four (4) samples were collected on the first floor in the slab on grade area of the building (Figure 1). In addition to indoor air samples, an ambient air sample was collected as a control sample. All samples were collected in pre-cleaned laboratory certified 6L summa canisters equipped with flow regulators set to collect the sample at a rate not to exceed 0.2 L/min. All indoor air and ambient air samples were collected simultaneously for a maximum duration of eight (8) hours to simulate the school's operational hours. All indoor and ambient air samples were shipped under proper chain of custody protocol via courier to a New York State ELAP-certified laboratory. All samples were analyzed for Volatile Organic Compounds (VOCs) via EPA Method TO-15.

Note: During sample login upon arrival at the laboratory it was determined that the valve on sample IA-3 was slightly opened and the final vacuum was 0.0 in. Hg. Due to this condition, sample IA-3 was not analyzed for VOC compounds.

Analytical Results

In general, VOCs within on-Site samples were largely present in low concentrations. Analytical results are summarized in Table 1, and a full laboratory report is included as Attachment 4.

Compounds detected within indoor air included a variety of VOCs, the majority of which are not contaminants of concern, including 2-butanone (max conc. 3.68 µg/m^3), 2-hexanone (max conc. 0.83 µg/m^3), 4-methyl-2-pentanone (max conc. 4.06 µg/m^3), acetone (max conc. 774 µg/m^3), acrylonitrile (max conc. 11.1 µg/m^3), chloroform (max conc. 0.538 µg/m^3), chloromethane (max conc. 1.49 µg/m^3), dichlorofluoromethane (max conc. 2.35 µg/m^3), ethyl acetate (max conc. 16.9 µg/m^3), isopropanol (max conc. 53.7 µg/m^3), methyl methacrylate (max conc. 0.729 µg/m^3), 2-butanone (max conc. 3.68 µg/m^3), p-ethyl toluene (max conc. 1.33 µg/m^3), tetrahydrofuran (max conc. 2.80 µg/m^3), trans-1,2-dichloroethylene (max conc. 4.64 µg/m^3), and trichlorofluoromethane (max conc. 1.43 µg/m^3).

Various NYSDOH regulated compounds were identified in low relatively low concentrations on Site including, 1,2,4-trimethylbenzene (max conc. 1.58 µg/m^3), 1,3,5-trimethylbenzene (max conc. 0.459 µg/m^3), 2,2,4-trimethylpentane (max conc. 3.8 µg/m^3), carbon tetrachloride (max conc. 0.854 µg/m^3), methylene chloride (max conc. 2.71 µg/m^3), PCE (max conc. 6.73 µg/m^3), benzene (max conc. 1.69 µg/m^3), n-heptane (max conc. 4.14 µg/m^3), n-hexane (max conc. 3.62 µg/m^3), o-xylene (max conc. 8.89 µg/m^3), naphthalene (max conc. 1.33 µg/m^3), and toluene (max conc. 17 µg/m^3). None of these listed compounds exceeded NYSDOH Air Guidance Values (AGV), however, AGVs have only been established for methylene chloride (60 µg/m^3), PCE (30 µg/m^3), and TCE (2 µg/m^3). Therefore, as a useful comparison, these concentrations were also compared to their respective NYSDOH Soil Vapor Intrusion (SVI) Decision Matrix indoor air upper limits. Although, not a direct comparison, when compared to SSDS effluent sample concentrations, all these listed compounds resulted in a "No Further Action" decision.

Four (4) NYSDOH compounds were detected at comparably elevated concentrations. These included the three (3) petroleum compounds ethyl benzene (10.2 µg/m^3), cyclohexane (10.4 µg/m^3) and p- & m-xylenes (37.9 µg/m^3), and chlorinated solvent TCE (1.96 µg/m^3). TCE did not exceed its respective AGV of 2 µg/m^3. Again, although not fully applicable, when compared to their respective NYSDOH SVI decision matrix upper limits, these results automatically trigger an "Identify Source(s) or Resample or Mitigate" determination, despite SSDS effluent results being well below their lower sub-slab vapor limits. However, importantly, all of these high concentrations were isolated to two samples. The petroleum compounds were detected in sample IA-6, which was located in the custodian workshop area in the cellar portion of the Site and the TCE detection was in sample IA-1, located in the custodian's office on the 1st floor of the school. Based on the product inventory, and the lack of these elevated concentrations of these compounds anywhere else on Site, including the subsurface, it is considered highly likely that these compounds are derived from a chemical source within the workshop and custodian office indoor air (i.e., chemicals storage) and are not representative of a soil vapor intrusion condition. Furthermore, the low concentrations of

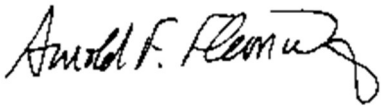
these compounds in other indoor air samples across the Site suggest this is an isolated condition not impacting the high traffic or student designated areas on the first floor of the building.

Future Activities

FLS will continue to operate the SSDS and monitor the system semi-annually as defined in the *Site Management Plan Modification Summary* dated June 2017. Per the approved CMWP and SMP, the responsibility of indoor air monitoring will revert to the NYC Department of Education following this report. Please contact us with any comments or questions.

Sincerely,

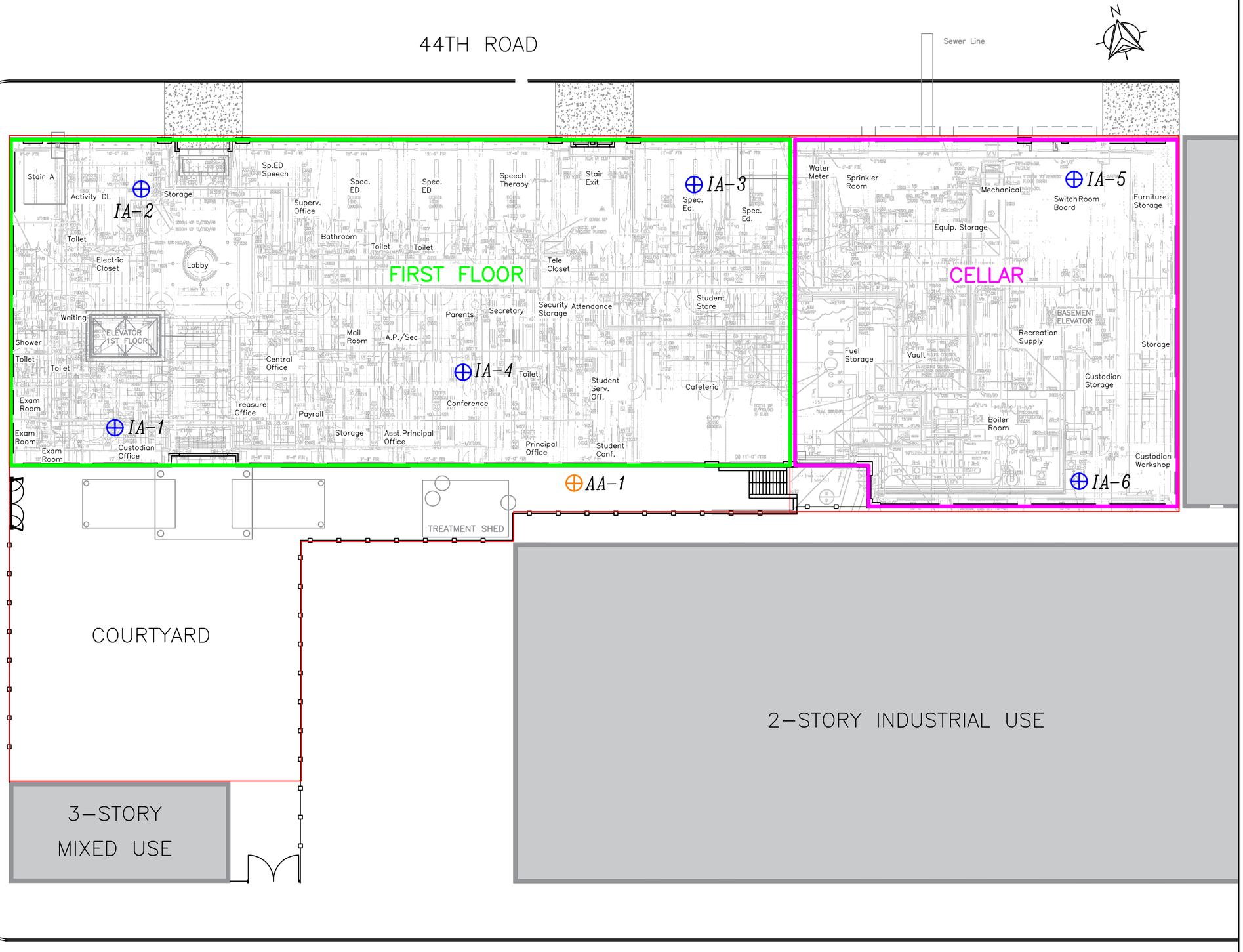
Fleming, Lee Shue Environmental Engineering and Geology D.P.C.



Arnold F. Fleming, P.E.
President

cc:	Cris-Sandra Maycock	NYSDEC
	Scarlett McLaughlin	NYSDOH
	Michele Dolan	NYSDOH
	Saritha Thumma	NYCDOE
	John Belanich	Bell Realty
	Ivan Staric	Bell Realty
	Jordan Arey, P.G.	Fleming, Lee Shue Environmental Engineering and Geology D.P.C.
enc**:**	Figure 1	Indoor Air Sample Location Map
	Table 1	Indoor Air and Effluent Results, March 2025
	Attachment 1	Corrective Measures Work Plan
	Attachment 2	Agency Correspondence and Approvals
	Attachment 3	Indoor Air Quality Questionnaire and Building Inventory
	Attachment 4	Analytical Laboratory Report

FIGURES



Notes: Mechanical First Floor and Cellar Plans prepared by Mottola Rini Engineers P.C. and N.F.Designs (02/05/02).

Fleming Lee Shue

158 West 29th Street, 9th Fl.
New York, NY 10001

21-16 44th Road
Long Island City, NY

Figure 1

Indoor and Ambient Air Sampling Locations

April 2025

Project Number
10012-006

LEGEND

- Indoor Air Sample Location
- Ambient Air Sample Location

TABLES

Table 1 - Indoor Air and SSDS Effluent Results (ug/m3)
Information Technology High School - V00366
March 2025

Sample ID			IA-1		AA-1		IA-2		IA-4		IA-5		IA-6		SSDS Effluent	
York ID			25C0160-01		25C0160-02		25C0160-03		25C0160-05		25C0160-06		25C0160-07		25C0160-08	
Sampling Date		NYSDOH Air Guidline Values - AGVs	3/4/2025 3:52:00 PM		3/4/2025 4:20:00 PM		3/4/2025 4:02:00 PM		3/4/2025 4:00:00 PM		3/4/2025 4:14:00 PM		3/4/2025 3:25:00 PM		3/4/2025 3:25:00 PM	
Client Matrix			Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Soil Vapor	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 MASTER		ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor			0.848		0.744		0.786		0.976		0.888		16.5		1.557	
1,1,1,2-Tetrachloroethane	630-20-6	~	0.582	U	0.511	U	0.540	U	0.670	U	0.610	U	0.603	U	1.070	U
1,1,1-Trichloroethane	71-55-6	~	0.463	U	0.406	U	0.429	U	0.533	U	0.485	U	0.480	U	0.850	U
1,1,2,2-Tetrachloroethane	79-34-5	~	0.582	U	0.511	U	0.540	U	0.670	U	0.610	U	0.603	U	1.070	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	0.650	U	0.570	U	0.602	U	0.748	U	0.681	U	0.674	U	1.190	U
1,1,2-Trichloroethane	79-00-5	~	0.463	U	0.406	U	0.429	U	0.533	U	0.485	U	0.480	U	0.850	U
1,1-Dichloroethane	75-34-3	~	0.343	U	0.301	U	0.318	U	0.395	U	0.359	U	0.356	U	0.630	U
1,1-Dichloroethylene	75-35-4	~	0.168	U	0.147	U	0.156	U	0.193	U	0.176	U	0.174	U	0.309	U
1,2,4-Trichlorobenzene	120-82-1	~	0.629	U	0.552	U	0.583	U	0.724	U	0.659	U	0.652	U	1.160	U
1,2,4-Trimethylbenzene	95-63-6	~	1.580	D	0.366	U	0.773	D	0.720	D	0.829	D	1.210	D	0.765	U
1,2-Dibromoethane	106-93-4	~	0.652	U	0.572	U	0.604	U	0.750	U	0.682	U	0.675	U	1.200	U
1,2-Dichlorobenzene	95-50-1	~	0.510	U	0.447	U	0.473	U	0.587	U	0.534	U	0.528	U	0.936	U
1,2-Dichloroethane	107-06-2	~	0.343	U	0.301	U	0.318	U	0.395	U	0.359	U	0.356	U	0.630	U
1,2-Dichloropropane	78-87-5	~	0.392	U	0.344	U	0.363	U	0.451	U	0.410	U	0.406	U	0.719	U
1,2-Dichlorotetrafluoroethane	76-14-2	~	0.593	U	0.520	U	0.549	U	0.682	U	0.621	U	0.614	U	1.090	U
1,3,5-Trimethylbenzene	108-67-8	~	0.459	D	0.366	U	0.386	U	0.480	U	0.437	U	0.432	U	0.765	U
1,3-Butadiene	106-99-0	~	0.563	U	0.494	U	0.522	U	0.648	U	0.589	U	0.583	U	1.030	U
1,3-Dichlorobenzene	541-73-1	~	0.510	U	0.447	U	0.473	U	0.587	U	0.534	U	0.528	U	0.936	U
1,3-Dichloropropane	142-28-9	~	0.392	U	0.344	U	0.363	U	0.451	U	0.410	U	0.406	U	0.720	U
1,4-Dichlorobenzene	106-46-7	~	0.510	U	0.447	U	0.473	U	0.587	U	0.534	U	0.528	U	0.936	U
1,4-Dioxane	123-91-1	~	0.611	U	0.536	U	0.566	U	0.703	U	0.640	U	0.633	U	1.120	U
2,2,4-Trimethylpentane	540-84-1	~	1.310	D	0.521	D	0.918	D	0.866	D	0.705	D	0.945	D	1.450	D
2-Butanone	78-93-3	~	3.680	D	0.856	D	1.650	D	1.210	D	2.410	D	3.080	D	2.570	D
2-Hexanone	591-78-6	~	0.834	D	0.610	U	0.644	U	0.800	U	0.728	U	0.720	U	1.280	U
3-Chloropropene	107-05-1	~	1.130	U	1.160	U	1.230	U	1.530	U	1.390	U	1.380	U	2.440	U
4-Methyl-2-pentanone	108-10-1	~	4.060	D	0.579	D	1.160	D	0.960	D	1.020	D	1.220	D	2.740	D
Acetone	67-64-1	~	28.700	D	8.180	D	17.200	D	14.700	D	81.700	D	774	D	61.900	D
Acrylonitrile	107-13-1	~	2.390	U	2.100	U	2.220	U	11.100	D	2.510	U	3.110	D	4.390	U
Benzene	71-43-2	~	1.680	D	0.761	D	1.160	D	1.060	D	1.020	D	1.070	D	1.690	D
Benzyl chloride	100-44-7	~	0.439	U	0.385	U	0.407	U	0.505	U	0.460	U	0.455	U	0.806	U
Bromodichloromethane	75-27-4	~	0.568	U	0.498	U	0.527	U	0.654	U	0.595	U	0.589	U	1.040	U
Bromoform	75-25-2	~	0.877	U	0.769	U	0.812	U	1.010	U	0.918	U	0.909	U	1.610	U
Bromomethane	74-83-9	~	0.329	U	0.289	U	0.305	U	0.379	U	0.345	U	0.341	U	0.605	U
Carbon disulfide	75-15-0	~	0.264	U	0.232	U	0.245	U	0.304	U	0.277	U	0.274	U	0.485	U
Carbon tetrachloride	56-23-5	~	0.854	D	0.374	D	0.396	D	0.430	D	0.559	D	0.553	D	0.294	D
Chlorobenzene	108-90-7	~	0.390	U	0.343	U	0.362	U	0.449	U	0.409	U	0.405	U	0.717	U
Chloroethane	75-00-3	~	0.224	U	0.196	U	0.207	U	0.258	U	0.234	U	0.232	U	0.411	U
Chloroform	67-66-3	~	0.538	D	0.363	U	0.384	U	0.477	U	0.434	U	0.429	U	0.760	U
Chloromethane	74-87-3	~	1.490	D	1.040	D	1.180	D	1.130	D	1.280	D	1.180	D	0.965	D
cis-1,2-Dichloroethylene	156-59-2	~	0.168	U	0.147	U	0.156	U	0.193	U	0.176	U	0.174	U	0.309	U
cis-1,3-Dichloropropylene	10061-01-5	~	0.385	U	0.338	U	0.357	U	0.443	U	0.403	U	0.399	U	0.707	U
Cyclohexane	110-82-7	~	0.613	D	0.256	U	0.379	D	0.370	D	1.380	D	10.400	D	0.750	D
Dibromochloromethane	124-48-1	~	0.722	U	0.634	U	0.670	U	0.831	U	0.756	U	0.749	U	1.330	U
Dichlorodifluoromethane	75-71-8	~	2.350	D	2.020	D	2.060	D	2.170	D	2.060	D	2.090	D	2.160	D
Ethyl acetate	141-78-6	~	7.430	D	2.360	D	16.900	D	2.640	D	2.180	D	5.320	D	16.600	D
Ethyl Benzene	100-41-4	~	1.470	D	0.355	D	0.717	D	0.636	D	1.430	D	10.200	D	0.811	D
Hexachlorobutadiene	87-68-3	~	0.904	U	0.793	U	0.838	U	1.040	U	0.947	U	0.937	U	1.660	U
Isopropanol	67-63-0	~	53.700	D	3.510	D	22.100	D	25.200	D	17.100	D	19.300	D	16.700	D
Methyl Methacrylate	80-62-6	~	0.729	D	0.305	U	0.386	D	0.400	U	0.364	U	0.360	U	0.637	D
Methyl tert-butyl ether (MTBE)	1634-04-4	~	0.306	U	0.268	U	0.283	U	0.352	U	0.320	U	0.317	U	0.561	U
Methylene chloride	75-09-2	60	2.710	D	1.550	U	1.640	U	2.030	U	1.850	U	1.830	U	3.250	U
Naphthalene	91-20-3	~	1.330	D	0.780	U	0.824	U	1.020	U	0.931	U	0.922	U	1.630	U
n-Heptane	142-82-5	~	4.140	D	0.366	D	2.030	D	3.720	D	2.400	D	2.520	D	1.400	D
n-Hexane	110-54-3	~	1.940	D	0.839	D	1.140	D	1.070	D	1.190	D	1.520	D	3.620	D
o-Xylene	95-47-6	~	1.800	D	0.452	D	0.853	D	0.720	D	1.500	D	8.890	D	0.946	D
p- & m- Xylenes	179601-23-1	~	5.630	D	1.260	D	2.630	D	2.080	D	5.130	D	37.900	D	2.910	D
p-Ethyltoluene	622-96-8	~	1.330	D	0.366	U	0.657	D	0.624	D	0.742	D	1.170	D	0.765	U
Propylene	115-07-1	~	0.146	U	0.128	U	0.135	U	0.168	U	0.153	U	0.151	U	0.268	U
Styrene	100-42-5	~	0.361	U	0.317	U	0.335	U	0.416	U	0.378	U	0.374	U	0.663	U
Tetrachloroethylene	127-18-4	30	6.730	D	0.908	D	1.070	D	0.993	D	0.843	D	0.954	D	1.060	U
Tetrahydrofuran	109-99-9	~	2.800	D	0.439	U	0.464	U	0.576	U	0.524	U	0.933	D	1.470	D
Toluene	108-88-3	~	17	D	2.190	D	6.100	D	5.110	D	3.610	D	4.540	D	6.400	D
trans-1,2-Dichloroethylene	156-60-5	~	4.640	D	0.295	U	0.312	U	0.387	U	0.352	U	0.349	U	0.617	U
trans-1,3-Dichloropropylene	10061-02-6	~	0.385	U	0.338	U	0.357	U	0.443	U	0.403	U	0.399	U	0.707	U
Trichloroethylene	79-01-6	2	1.960	D	0.100	U	0.106	U	0.131	U	0.119	U	0.118	U	0.251	D
Trichlorofluoromethane (Freon 11)	75-69-4	~	1.430	D	1.130	D	1.100	D	1.040	D	0.998	D	1.090	D	1.050	D
Vinyl acetate	108-05-4	~	0.299	U	0.262	U	0.277	U	0.344	U	0.313	U	0.310	U	0.548	U
Vinyl bromide	593-60-2	~	0.371	U	0.325	U	0.344	U	0.427	U	0.388	U	0.384	U	0.681	U
Vinyl Chloride	75-01-4	~	0.108	U	0.0951	U	0.100	U	0.125	U	0.113	U	0.112	U	0.199	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

DISCLAIMER:

ATTACHMEN 1

Fleming Lee Shue

February 7, 2025

Mr. Christopher Allan
New York State Department of Environmental Conservation
Hunters Point Plaza, 47-40 21st Street
Long Island City, NY 11101

Re: **Corrective Measures Work Plan**
Info Tech High School
21-16 44th Road, Long Island City, NY 11101
NYSDEC VCP Site Number V00366-2

Mr. Allan:

Fleming Lee Shue Environmental Engineering and Geology, D.P.C. (FLS) has prepared this Corrective Measures Work Plan (CAWP) for approval by the New York State Department of Environmental Conservation (NYSDEC) in response to its November 15, 2024 letter, NYSDEC rejected the 2024 Periodic Review Report. The primary purpose of this CMWP is to outline the scope of an indoor air sampling and sub-slab vapor monitoring sampling events to evaluate the efficiency of the sub-slab depressurization system (SSDS) located at the above-referenced property (Site). The Site is currently in Site Management in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP) dated September 2008 and the subsequent *Site Management Plan Modification Summary* dated June 2017.

1.0 Background

The Site consists of a four-story masonry and stucco structure currently utilized as Information Technology High School. The Site is a former drapery hardware manufacturer and distributor. The eastern portion of the factory was dedicated to cleaning, de-greasing, oil-extracting, powder coating, and painting of metal drapery hardware. Prior to this usage, the Site is believed to have contained a metal plating and finishing facility. Both operations are historically known for utilizing chlorinated degreasers.

Various Remedial investigations conducted by Leggette, Brashears & Graham Inc. (LBG) between 1997 and 2002 revealed the presence of VOCs in soil vapor under the building slab and in the groundwater beneath the Site. The source of VOCs was determined to be a former drum storage

area (outside the footprint of the current school) where localized contaminated soil was identified and removed from the Site. The Site's primary contaminants of concern are tetrachloroethylene (PCE) and trichloroethylene (TCE). Elevated concentrations of lead were also identified in soil beneath dry drains located under the buildings and in the courtyard.

Remedial excavation took place between December 2001 and August 2002 and included the removal of approximately 1,300 cubic yards of contaminated soils and a combination of soil and ash from the former drum area, the basement and first floor levels of the school, basement sumps, and the parking lot area.

Following remediation, LBG developed the SMP in 2008 and outlined five (5) primary engineering controls for the Site. These are: (1) a composite cover system within the building (first floor and basement) consisting of (from bottom to top) 1 foot of gravel, a 40-mil high density polyethylene (HDPE) liner, a protection board layer, and a steel mesh reinforced 8-inch thick concrete slab as well as a spray-on epoxy vapor barrier along the western basement wall adjacent to the first floor; (2) a sub-slab soil depressurization system (SSDS) installed in the gravel layer beneath the HDPE liner; (3) a vertical soil vapor extraction system consisting of four vertical SVE wells installed in the former drum storage area (decommissioned in 2010); (4) a groundwater pump and treat system extracting groundwater from RW-1 located in the former drum storage area (decommissioned in 2014); and (5) a positive-pressure heating ventilation and air conditioning (HVAC) system within the building.

FLS replaced LBG as the lead consultant for the Site in June 2017. The current SSDS is equipped with one (1) 15 HP blower to provide vacuum beneath the building, with a second 15 HP blower to be activated if the current blower fails. Monitoring of the SSDS is conducted on a semi-annual basis, approved by NYSDEC in its letter dated May 31, 2017. Monitoring events are currently conducted in the 1st and 3rd Quarters of each year, as reported in the most recent PRR, submitted to NYSDEC on April 30, 2024.

In its letter, dated November 14, 2024, NYSDEC rejected the PRR due to the following reasons (Attachment 1):

1) The PRR refers to sub-slab soil vapor concentrations monitored through the sampling of the Sub-Slab Depressurization System effluent. This is not an accurate method of monitoring sub-slab soil vapor concentrations. To monitor sub-slab soil vapor concentrations, representative sub-slab soil vapor samples must be collected with summa canisters at vapor monitoring points located throughout the building;
2) The PRR did not include the date of the restart of the SSDS after the effluent piping was re-routed on the roof. Please indicate the date of the system restart. Additionally, add details regarding whether system measurements were within the operating

parameters (i.e., completion of pressure field extension testing to check for detectable vacuum across the slab, indoor air sampling completed, manometer checked, etc.); and,

3) It does not appear that indoor air monitoring has occurred in the school building, as required by the SMP. Indoor air sampling must be conducted during the 2024-2025 heating season, and annually thereafter, to evaluate the effectiveness of the SSDS. During the annual indoor air sampling, pressure field extension testing must be completed to ensure that the entirety of the slab of the building is depressurized. Lastly, please explain why indoor air sampling and pressure field extension testing has not been conducted in accordance with the SMP.

2.0 Corrective Action

As mentioned above, previous evaluation of the sub-slab vapor concentrations by sampling the post-blower effluent and the lack of indoor air monitoring by NYCDOE was found to be out of compliance with the Operations, Maintenance and Monitoring guidelines outlined in the SMP. To address this, FLS propose to conduct semi-annual sub-slab soil vapor monitoring at the Site. FLS also proposes to replace NYCDOE as the primary lead for annual indoor air monitoring.

1. Semi-Annual Sub-Slab Monitoring

Following a discussion between NYSDEC and NYSDOH on January 14, 2025, it was determined that collection of soil vapor samples from the lateral sampling ports was not necessary to establish efficacy of the SSDS, and that semi-annual inspections of the SSDS should continue without change, per the approved SMP. Semi-Annual sub-slab monitoring events are currently conducted in 1st and 3rd Quarters each year. Per the SMP, and its subsequent revisions, monitoring of the SSDS will consist of a visual inspection of the complete system as currently constructed, including collection of a pressure reading, flow rate, temperature, and screening of sub-slab vapors with a Photoionization Detector (PID) at each individual SSDS lateral sample port. FLS has complied with the monitoring of the SSDS during semi-annual events, as outlined in the SMP. Readings from the 2023 reporting year are presented as Attachment 2. A layout of the SSDS is provided in Figure 1.

In addition to sub-slab monitoring, FLS will continue to collect an effluent sample to monitor emissions from the SSDS. The sample will be collected in a pre-cleaned laboratory certified Summa canister equipped with flow regulator set to collect the sample at a rate not to exceed 0.2 L/min. All sub-slab soil vapor samples will be collected simultaneously for a maximum duration of two (2) hours. Sample will be shipped under proper chain of custody protocol via courier to a New York State ELAP-certified laboratory. The sample will be analyzed for Volatile Organic Compounds (VOCs) via EPA Method TO-15. Following sampling, FLS will report the results of each sampling event in the annual PRR.

2. SSDS System Restart

On August 7, 2023, FLS was notified by the school that the effluent piping of the SSDS was damaged by scaffolding contractors during façade work on the building. On September 5, 2023, FLS conducted oversight of repairs to the SSDS effluent piping located on the roof of the building. The piping was rerouted from the roof parapet to the roof floor to avoid any conflicts with the future scaffolding use. The piping run was ultimately shortened by approximately 30 feet to the east due to observed operable air intakes near the exhaust in the adjacent building. This ensured that the stack emitted the exhaust more than the required 25 feet from operable air intakes. On September 5, 2023, following completion of the repair work to the effluent piping, the system was restarted per the SSDS start up procedure as outlined in Section 4.2.1.1.1 of the SMP.

3. Indoor Air Monitoring

Per the SMP, and its subsequent revisions, indoor air sampling will be conducted by the NYCDOE. In a review of past PRR submittals, FLS found that the NYC School Construction Authority (SCA) and NYCDOE had not conducted indoor air sampling since 2017. FLS has requested indoor air sampling results from SCA in each reporting period since 2020. In this time, SCA has responded only once, in which it indicated that indoor air sampling did not occur (April 2021).

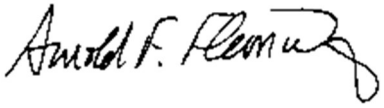
In order to expedite approval of the 2024 PRR and provide a good faith effort to evaluate indoor air concentrations within the Site, FLS will conduct the indoor air sampling during the 1st Quarter of 2025, in compliance with NYSDOH guidance for evaluating indoor air during the heating season. However, the Participant will not be taking over the responsibility for annual indoor air sampling into perpetuity. After this event, responsibility for indoor air sampling will revert to NYCDOE as outlined within the SMP.

Based on the area of the Site, FLS proposes to collect six (6) indoor air samples. Two (2) indoor air samples will be collected at the cellar level of the building, and four (4) samples will be collected on the first floor in the slab on grade area of the building (Figure 2). In addition to indoor air samples, an ambient air sample will be collected as a control sample. All samples will be collected in pre-cleaned laboratory certified Summa canisters equipped with flow regulators set to collect the sample at a rate not to exceed 0.2 L/min. All indoor air and ambient air samples will be collected simultaneously for a maximum duration of eight (8) hours to simulate school hours. All indoor and ambient air samples will be shipped under proper chain of custody protocol via courier to a New York State ELAP-certified laboratory. All samples will be analyzed for Volatile Organic Compounds (VOCs) via EPA Method TO-15.

Upon approval of this work plan, FLS will proceed with coordinating the sampling event to conduct this event during the heating season. Following sampling and receipt of the results, FLS will prepare a Corrective Action Report. Please contact us with any comments or questions.

Sincerely,

Fleming-Lee Shue, Inc.

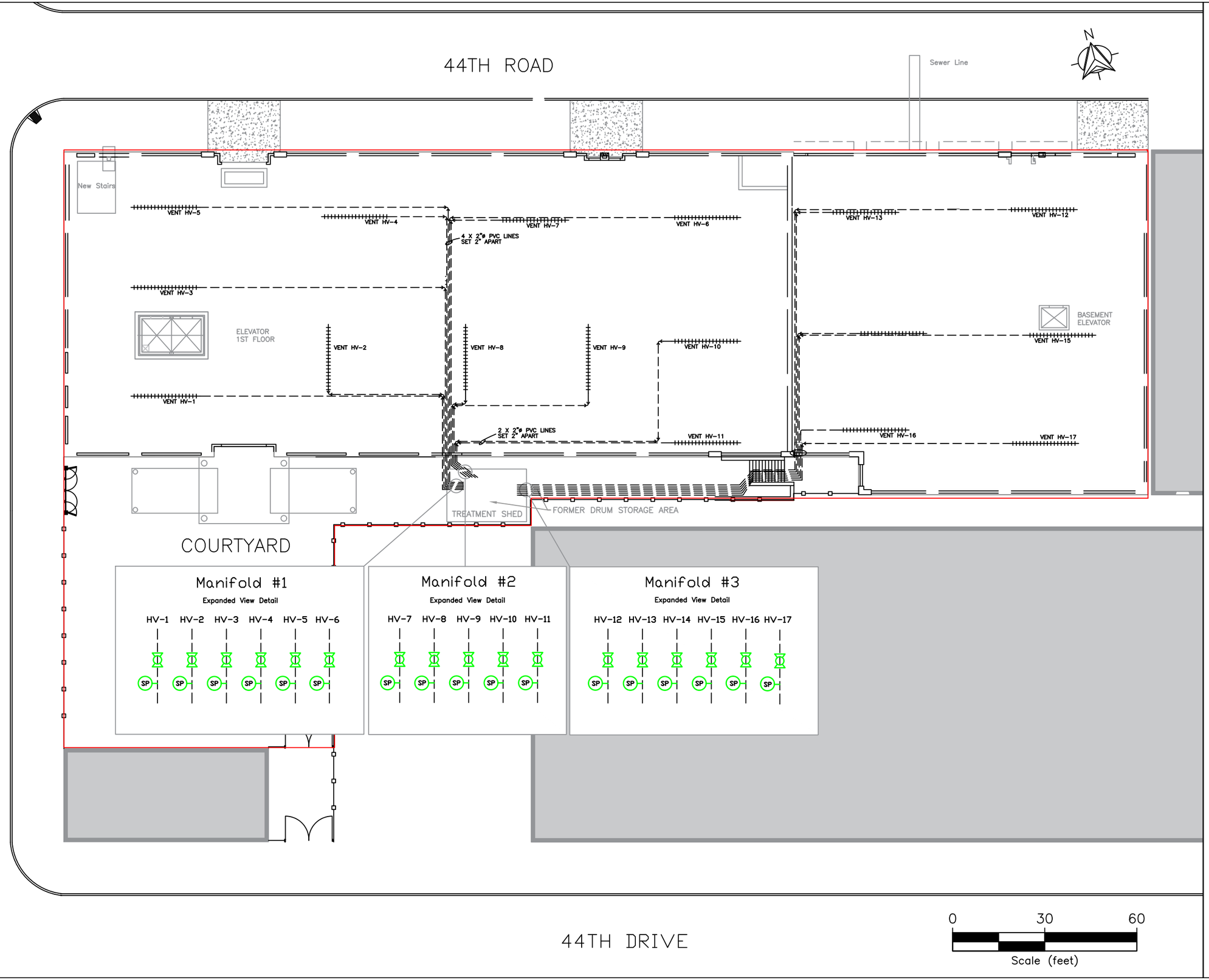


Arnold F. Fleming, P.E.
President

cc:	Cris-Sandra Maycock	NYSDEC
	Jane O'Connell	NYSDEC
	Scarlett McLaughlin	NYSDOH
	Daniel Tucholski	NYSDOH
	John Belanich	Bell Realty
	Ivan Starcic	Ridge Realty

enc**:**	Figure 1	SSDS Piping System Layout
	Figure 2	Proposed Indoor and Ambient Air Sampling Locations
	Attachment 1	NYSDEC PRR Response Letter
	Attachment 2	January 2023 and July 2023 OM&M Logs

FIGURES



Fleming Lee Shue

158 West 29th Street, 9th Fl.
New York, NY 10001

21-16 44th Road
Long Island City, NY

Figure 1

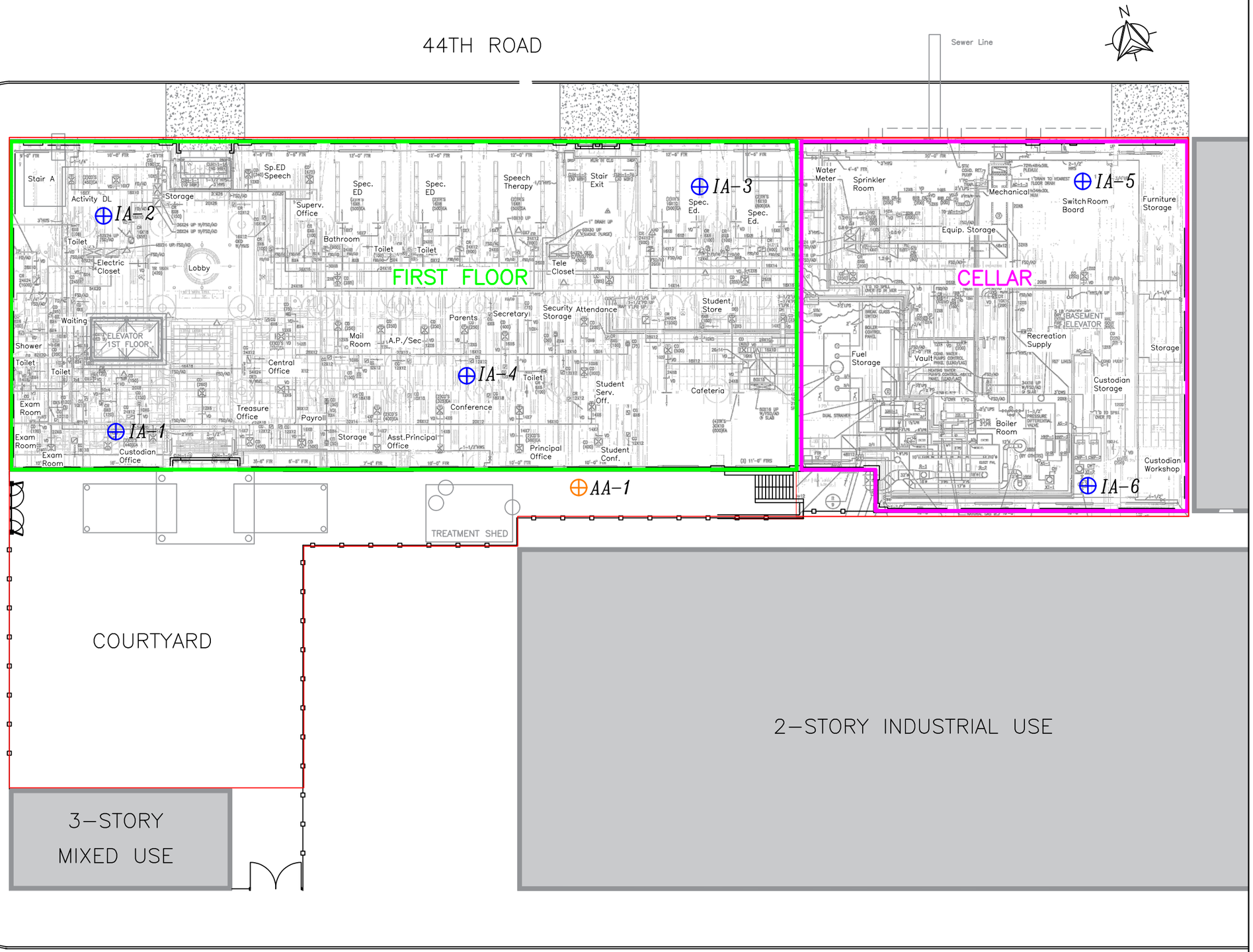
SSDS Piping System Layout

November 2024

Project Number
10012-006

LEGEND

- 2–Inch Diameter Slotted PVC Vent Line
- 2–Inch Diameter Solid PVC Vent Line
- SP — Sampling Port
- Ball Valve



Notes: Mechanical First Floor and Cellar Plans prepared by Mottola Rini Engineers P.C. and N.F.Designs (02/05/02).

Fleming Lee Shue

158 West 29th Street, 9th Fl.
New York, NY 10001

21-16 44th Road
Long Island City, NY

Figure 2

Proposed Indoor and Ambient Air Sampling Locations

February 2025

Project Number
10012-006

LEGEND

- Indoor Air Sample Location
- Ambient Air Sample Location

Attachment 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

November 14, 2024

Saritha Thumma
NYC DOE - Division of School Facilities
44-36 Vernon Boulevard
Long Island City, NY 11101

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
21-16 44th Road, LIC
Site No.: V00366

Dear Saritha Thumma,

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Periodic Review Report (PRR) and IC/EC Certification for following period: April 3, 2023 to April 03, 2024.

NYSDEC hereby rejects the PRR and associated Certification for the following reasons:

- The PRR refers to sub-slab soil vapor concentrations monitored through the sampling of the Sub-Slab Depressurization System (SSDS) effluent. This is not an accurate method of monitoring sub-slab soil vapor concentrations. To monitor sub-slab soil vapor concentrations, representative sub-slab soil vapor samples must be collected with Summa canisters at vapor monitoring points located throughout the building.
- The PRR did not include the date of the restart of the SSDS after the effluent piping was re-routed on the roof. Please indicate the date of the system restart. Additionally, add details regarding whether system measurements were within the operating parameters (i.e., completion of pressure field extension testing to check for detectable vacuum across the slab, indoor air sampling completed, manometer checked, etc.).
- It does not appear that indoor air monitoring has occurred in the school building, as required by the Site Management Plan (SMP). Indoor air sampling must be conducted during the 2024-2025 heating season, and annually thereafter, to evaluate the effectiveness of the SSDS. During
the annual indoor air sampling, pressure field extension testing must be completed to ensure that the entirety of the slab of the building is depressurized. Lastly, please explain why indoor air sampling and pressure field extension testing has not been conducted in accordance with the SMP.

You are required to submit a Corrective Measures Work Plan (CMWP), including a schedule for completion of the work planned, within 30 days of receipt of this letter. The

cover letter for the CMWP must include a response to each of the comments provided herein.

If you have any questions, please contact me at 718-482-4065 or christopher.allan@dec.ny.gov.

Sincerely,

Christopher Allan
Project Manager

ec: J. O'Connell, C. Maycock - NYSDEC
S. McLaughlin, D. Tucholski - NYSDOH
A. Fleming, M. Hutson – Fleming - Lee Shue Inc.
J. Belanich - Virginia S. Peterson as Trustee and all Successors

Attachment 2

Info Tech High School Monitoring Field Sheet

Date	1/12/2024	**Inspector**	LS
Time	10:00		

General

Weather	cloudy
Temperature (F)	43
Relative humidity (%)	57
Dew point (F)	29
Barometeric pressure (in Hg)	30.21
Wind speed (mph)	4
Wind direction	south
Alarms triggered?	no
System leaks?	no

Air Sample Location	PID (ppm)
Calibration	0.0 / 99.8
Background	0.0
Upwind	0.0
Treatment Shed	0.0
Downwind	0.0

System Effluent

Flow rate (cfm)	141.17
Temperature (F)	132.9
Effluent sample time	11:58
Effluent PID (ppm)	0.0

System 1

Monitoring Point	Vacuum (in w.c.)	Flow (cfm)	Temperature (F)	PID (ppm)
HV-1	-0.138	3.44	53.9	0.0
HV-2	-0.387	7.09	54.3	0.0
HV-3	-0.090	2.71	53.3	0.0
HV-4	-0.211	4.11	53.8	0.0
HV-5	-0.142	2.23	53.4	0.0
HV-6	-0.653	9.09	53.4	0.0
Header	-40.38			0.0

System 2

Monitoring Point	Vacuum (in w.c.)	Flow (cfm)	Temperature (F)	PID (ppm)
HV-7	-0.444	9.21	55.1	0.0
HV-8	-5.414	17.15	55.2	0.0
HV-9	-5.848	14.65	54.3	0.0
HV-10	-5.853	11.15	54.4	0.0
HV-11	-2.412	15.92	55	0.0
Header	-42.3			0.0

System 3

Monitoring Point	Vacuum (in w.c.)	Flow (cfm)	Temperature (F)	PID (ppm)
HV-12	-27.74	24.9	54.1	0.0
HV-13	-32.49	21.11	55.8	0.0
HV-14	-26.85	9.34	53.7	0.0
HV-15	-0.051	0.33	53.3	0.0
HV-16	-0.305	4.28	54.5	0.0
HV-17	-0.034	1.15	53.7	0.0
Header	-44.39			0.0

	Blower #4	Blower #2B
Post-blower pressure (psi)	0.977	
Post-blower flow (cfm)	141.17	
Post-blower temperature (F)	132.9	
Post-blower PID (ppm)	0.0	
Water in V.L.S. (gal)	-	
Disconnect operational	Yes	

Notes

Semi Annual OMM conducted

Info Tech High School Monitoring Field Sheet

Date	7/25/2023	**Inspector**	BJH / LS
Time	8:00		

General

Weather	sunny
Temperature (F)	76-87
Relative humidity (%)	65.3
Dew point (F)	68
Barometeric pressure (in Hg)	30.09
Wind speed (mph)	5
Wind direction	NE
Alarms triggered?	N
System leaks?	N

Air Sample Location	PID (ppm)
Calibration	0.0 / 100.0
Background	0.0
Upwind	0.0
Treatment Shed	0.0
Downwind	0.0

System Effluent

Flow rate (cfm)	88.31
Temperature (F)	135.7
Effluent sample time	10:26
Effluent PID (ppm)	0.0

System 1

Monitoring Point	Vacuum (in w.c.)	Flow (cfm)	Temperature (F)	PID (ppm)
HV-1	-0.018	1.15	84.8	0.0
HV-2	-0.138	6.18	83.4	0.1
HV-3	-20.000	1.74	83.4	0.0
HV-4	-3049	4.49	83.9	0.0
HV-5	-0.028	2.24	83.8	0.0
HV-6	-0.24	8.91	83.5	0.1
Header	-19.76	-	-	0.0

System 2

Monitoring Point	Vacuum (in w.c.)	Flow (cfm)	Temperature (F)	PID (ppm)
HV-7	-0.422	12.65	83.3	0.0
HV-8	-1.659	26.73	83.1	0.1
HV-9	-1.876	30.67	83.2	0.0
HV-10	-1.882	24.48	83.3	0.0
HV-11	-0.721	20.26	83.5	0.1
Header	-18.24	-	-	0.0

Info Tech High School Monitoring Field Sheet

System 3

Monitoring Point	Vacuum (in w.c.)	Flow (cfm)	Temperature (F)	PID (ppm)
HV-12	-3.762	27.89	85.8	0.0
HV-13	-29.62	22.9	88	0.2
HV-14	-0.446	13.7	87.6	0.0
HV-15	-0.036	2.26	88.5	0.1
HV-16	-0.137	6.37	88.7	0.1
HV-17	-0.142	5.99	89.6	0.0
Header	-21.66	-	-	0.1

	Blower #4	Blower #2B
Post-blower pressure ("w.c.)	0.417	-
Post-blower flow (cfm)	88.31	-
Post-blower temperature (F)	135.7	-
Post-blower PID (ppm)	0	-
Water in V.L.S. (gal)	-	-
Disconnect operational	Y	-

Notes

Semi Annual OMM conducted

ATTACHMENT 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

November 14, 2024

Saritha Thumma
NYC DOE - Division of School Facilities
44-36 Vernon Boulevard
Long Island City, NY 11101

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
21-16 44th Road, LIC
Site No.: V00366

Dear Saritha Thumma,

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Periodic Review Report (PRR) and IC/EC Certification for following period: April 3, 2023 to April 03, 2024.

NYSDEC hereby rejects the PRR and associated Certification for the following reasons:

- The PRR refers to sub-slab soil vapor concentrations monitored through the sampling of the Sub-Slab Depressurization System (SSDS) effluent. This is not an accurate method of monitoring sub-slab soil vapor concentrations. To monitor sub-slab soil vapor concentrations, representative sub-slab soil vapor samples must be collected with Summa canisters at vapor monitoring points located throughout the building.
- The PRR did not include the date of the restart of the SSDS after the effluent piping was re-routed on the roof. Please indicate the date of the system restart. Additionally, add details regarding whether system measurements were within the operating parameters (i.e., completion of pressure field extension testing to check for detectable vacuum across the slab, indoor air sampling completed, manometer checked, etc.).
- It does not appear that indoor air monitoring has occurred in the school building, as required by the Site Management Plan (SMP). Indoor air sampling must be conducted during the 2024-2025 heating season, and annually thereafter, to evaluate the effectiveness of the SSDS. During
the annual indoor air sampling, pressure field extension testing must be completed to ensure that the entirety of the slab of the building is depressurized. Lastly, please explain why indoor air sampling and pressure field extension testing has not been conducted in accordance with the SMP.

You are required to submit a Corrective Measures Work Plan (CMWP), including a schedule for completion of the work planned, within 30 days of receipt of this letter. The

cover letter for the CMWP must include a response to each of the comments provided herein.

If you have any questions, please contact me at 718-482-4065 or christopher.allan@dec.ny.gov.

Sincerely,

Christopher Allan
Project Manager

ec: J. O'Connell, C. Maycock - NYSDEC
S. McLaughlin, D. Tucholski - NYSDOH
A. Fleming, M. Hutson – Fleming - Lee Shue Inc.
J. Belanich - Virginia S. Peterson as Trustee and all Successors

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

SEAN MAHAR
Interim Commissioner

February 21, 2025

John Belanich
Virginia S. Peterson as Trustee and all Successors
CDI 21st St., LIC, LLC
525 Northern Blvd., Suite 300
Great Neck, NY 11021

Re: Corrective Measures Work Plan (CMWP) Approval Letter
21-16 44th Road, LIC
Queens County, Site No.: V00366

Dear John Belanich,

The New York State Department of Environmental Conservation (NYSDEC) has completed its review of the Corrective Measures Work Plan (CMWP) dated February 2025, which was prepared by Fleming Lee Shue Environmental Engineering and Geology, D.P.C. on behalf of Virginia S. Peterson as Trustee and all Successors (the Certifying Party). The CMWP is hereby approved.

The Certifying Party and its contractors are solely responsible for the safe execution of all invasive and other field work performed under the CMWP. The Certifying Party and its contractors must obtain all local, state, and/or federal permits or approvals that may be required to perform work under the CMWP. Further, the Certifying Party and its contractors are solely responsible for the identification of utilities that might be affected by work under the CMWP and the implementation of all required, appropriate, or necessary health and safety measures during performance of work under the CMWP.

Please notify NYSDEC at least 7 days in advance of commencing fieldwork related to the CMWP. If you have any technical questions regarding this matter, please contact Christopher Allan at (718) 482-4065 or christopher.allan@dec.ny.gov.

Sincerely,

Christopher Allan

Christopher Allan
Project Manager

ec: J. O'Connell, C. Maycock - NYSDEC
S. McLaughlin, M. Dolan - NYSDOH

A. Fleming, M. Hutson – Fleming - Lee Shue Inc.

ATTACHMENT 3

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

Site No. : VCP# V00366-2 **Site Name :** Information Technology High School

Date: 03/04/2025 **Time:** 10:30

Structure Address : 21-16 44th Road, LIC, Queens, NY

Preparer's Name & Affiliation : Landon Silverman, Sanskruti Pashte

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) : School

Owner Name : CDI 21st LIC, LLC c/o **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) : 4 Floors Bilding, Floor area - 113,000 sq.ft

Approximate **Year Built :** 1919 Is the building **Insulated?** ☐ Yes ☐ No

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

Describe Lowest Level (finishing, use, time spent in space) : _____

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 : _____

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 : Unknown

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

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

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) : _____

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

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 : _____

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

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

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

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

Lowest Building Level Layout Sketch

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

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

Structure Sampling - Product Inventory

Site: C21-16 44th Road, LIC, Queens, NY

Homeowner Name & Address: Information Technology High School

Date: 03/04/2025

Samplers & Company: Landon Silverman, Sanskruti Pashte (ELS)

Structure ID: _____

Site Number & Name: ITHS – VCP# V00366-2.

Phone Number: _____

Make & Model of PID: miniRAE 3000 [E00064]

Date of PID Calibration: 03/04/2025

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Claire Gel Vandal Remover	1	Toluene, Propane, Acetone, Butane Diethylene glycol monobutyl ether 2-Butoxyethanol, Sodium Benzoate	0.0	Storage room
Strip-Eze (Sunglo)	30-40 Bottles	2-Butoxyethanol, Propane, n-Butane Non-Ionic Surfactant	00	Storage room
Simoniz Baseboard Stripper Gel	10-12 Bottles	Petroleum gases, liquefied 2-Butoxyethanol, Potassium Hydroxide Ethanolamine.	0.0	Storage Room
GOJO handwash/ cleaner	15-20 Bottles	Sodium Laureth Sulfate, Citric Acid Cocamidopropyl Betaine, Glyceryl Cocoate, Disodium Cocoamphodiacetate	0.0	Storage Room
SCJ Professional Clear Foam	20-30 Bottles	Aqua, Sodium Laureth Sulfate, Sodium Benzoate, Glycerin, PEG-7 Glyceryl cocoate, Cocamidopropyl, Betaine Citric Acid	0.0	" "
Lemon Quat	3 Bottles	didecyldimethylammonium chloride alkyl dimethyl benzyl ammonium chloride	0.0	" "
Bleach	6 Bottles	Sodium hypochlorite	0.0	" "
Tri state [Liqui Thaw Plus]	3 buckets	Calcium chloride	0.0	" "
Peladow	3 buckets	Calcium chloride	0.0	" "
SWI De-icing Salt	20-30 Bags	Sodium chloride, Calcium chloride, Magnesium chloride, Acetate	0.0	" "
Spray Mike.	1 Bucket	Sodium metasilicate, quaternary ammonium	0.0	" "
Sun Glo [Millennium Exp]	10-12 Buckets	Diethylene Glycol Monoethyl Ether	0.0	" "
Knight [Heavy Hitter]	9-10 Buckets	Potassium Hydroxide, 2-Butoxy-ethanol, Tetrasodium pyrophospate	0.0	" "
Premiere ICE Melter.	20-30 50lb. Boxes	Calcium Magnesium Acetate (CMA) Sodium chloride	0.0	" "
Sun Glo (RAIN)	30-40 Bottles	Dihydrogen monoxide, Sodium Lauryl Sulfate, Citric Acid	0.0	" "

Structure Sampling - Product Inventory

Homeowner Name & Address: 21-16 44th Road, LIC, Queens. Information Technology High School

Date: 03/04/2025

Samplers & Company: Landon Silverman, Sanskruti Paskte (CFLS)

Structure ID: _____

Site Number & Name: ITHS-VCP # V00366-2

Phone Number: _____

Make & Model of PID: miniRAE 3000 [E0064].

Date of PID Calibration: 03/04/2025

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
BEHR premium plus	1 bucket	Hydrated Silica, Cristobalite, Nepheline syenite, Calcium carbonate	0.0	Workshop.
RTV Silicone.	1 bottle	Polydimethylsiloxanes, cross linking agents, fillers, & organreactive	0.0	Workshop
Tite bond.	1 bottle.	Polyvinyl acetate (PVA)	0.0	workshop
KRYLON Acrylic coating.	1 bottle	acetone, methyl ethyl ketone, propane, xylene, butane	0.0	workshop
Performance Coatings.	1 can	resins, solvents, pigments, additives, surfactants	0.0.	workshop
Badger Fire extinguisher	1 can	Monoammonium, phosphate, Sodium bicarbonate, carbon dioxide, (CO_2)	0.0	workshop
"Badger Fire extinguisher"	"1"	" "	0.0	Basement Hallway
Dust Soy - 60	1 bottle	Soybean oil Acids, Methyl Esters	0.0	workshop
Grand technology. Best of Creme.	1 Bottle.	Silica. Alcohol, Ethoxylate. Sulfonic Acid	0.0	Workshop

Structure Sampling - Product Inventory

21-16 44th Road, LIC, Queens

Homeowner Name & Address: Information Technology High School Date: 03/04/2025

Samplers & Company: Landon Silverman, Sanskriti Pashte (FLS) Structure ID: _____

Site Number & Name: ITHS - VCP # V00368-2 Phone Number: _____

Make & Model of PID: miniRAE 3000 [E00647] Date of PID Calibration: 03/04/2025

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Enviro Care Glass Cleaner	5-10 50 lbs	Anionic Surfactant, Citric Acid Methychloroisothiazolinone	0.0	Storage Room.
Clorox.	20-30 Spray Bottles	Sodium hypochlorite, Sodium hydroxide	0.0	Storage Room
Pure Bright Bleach	40-50 Bottles	Sodium hypochlorite	0.0	Storage Room
RMC Proxi Hard Surface Cleaner.	20-30 Bottles	Hydrogen Peroxide	0.0	Storage Room.
Sprayway glass cleaner.	10-20 Bottles	Ethanol, 2-Butoxyethanol, Propane, Butane	0.0	" "
Simoniz Hospital Disinfectant Deo	10-15 Bottles	Ethanol, Quaternary Ammonium Isopropyl Alcohol	0.0	" "
P&P Shine. Gloss Restorer.	400zf 1 litre.	Pine oil, Ethyl Alcohol	0.0	" "
Diamon Shield.	1 litre.	Acrylate copolymer, Oxidized. Polyethylene, Diethylene Glycol Ether	0.0	" "
Gleam Furniture Polish.	10 bottles	Petroleum Distillates, Waxes, Silicone	0.0	" "
Sun Glo Spot Remover	8-10 Bottles	Silica, Sodium Carbonate, Alkylaryl Sodium Dodecybenzene Sulfonate	0.0	" "
Swell Stainless Steel. Polish.	5-6 Bottles	Mineral oil, Propane, Citrus Terpenes.	0.0	" "
Sun Glo. Metal O	3 Cans	Petroleum Lubricating Oil, Isobutene, Propane VM & P Naptha Lene	0.0	" "
Sprayon. CO880	6-8 Cans	2-Butoxyethanol, Butane, Propane	0.0	" "
Purtabs	10-12 Bottles	Sodium-dichloro-s-triazinetrione Adipic Acid, Sodium Bicarbonate.	0.0	" "
Sun Glo Hand Cleaner.	10-12 cans	Dihydrogen monoxide, Lauryl sulfate. Isopropyl Alcohol	0.0	" "
Sun Glo Bioclean	2-3	Cocamidopropyl Betaine. D-limonene, Amylase	0.0	" "
Betco Easy Task.	8-10 Bottles	Ethanediol.	0.0	" "
ECOLAB Low & Behold.	1 can	Propylene glycol, glycerin, heptanoic acid	0.0	" "
Spectracide weed & Grass Killer.	10-15 bottles	diquat dibromide, fluazifop-p-butyl & dicamba, dimethylamine salt	0.0	" "
Sun Glo. Scrub-N-GO	10-20	Sodium Lauryl Sulfate, Sodium hydroxide. (NaOH)	0.0	" "
KAI Multipurpose cleaners	1 can.	Hydrochloric Acid, Isopropyl Alcohol	0.0	" "

ATTACHMENT 4

Technical Report

prepared for:

Fleming, Lee Shue Env Engineering & Geology D.P.C.
158 West 29th Street
New York NY, 10001
Attention: Jordan Arey

Report Date: 03/24/2025
Client Project ID: 10012 Info Tech High School
York Project (SDG) No.: 25C0160

Revision No. 1.0

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: 03/24/2025
Client Project ID: 10012 Info Tech High School
York Project (SDG) No.: 25C0160

Fleming, Lee Shue Env Engineering & Geology D.P.C.
158 West 29th Street
New York NY, 10001
Attention: Jordan Arey

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 04, 2025 and listed below. The project was identified as your project: **10012 Info Tech High School**.

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
25C0160-01	IA-1	Indoor Ambient Air	03/04/2025	03/04/2025
25C0160-02	AA-1	Indoor Ambient Air	03/04/2025	03/04/2025
25C0160-03	IA-2	Indoor Ambient Air	03/04/2025	03/04/2025
25C0160-05	IA-4	Indoor Ambient Air	03/04/2025	03/04/2025
25C0160-06	IA-5	Indoor Ambient Air	03/04/2025	03/04/2025
25C0160-07	IA-6	Indoor Ambient Air	03/04/2025	03/04/2025
25C0160-08	SSDS Effluent	Soil Vapor	03/04/2025	03/04/2025

General Notes for York Project (SDG) No.: 25C0160

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: 03/24/2025

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 25C0160-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:52 pm	03/04/2025

VOA, TO15 MASTER

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	0.582	0.848	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 19:46	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.463	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.582	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.650	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.463	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.343	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.168	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.629	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.58**		ug/m³	0.417	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.652	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.510	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.343	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.392	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.593	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
108-67-8	**1,3,5-Trimethylbenzene**	**0.459**		ug/m³	0.417	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.563	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.510	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.392	0.848	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 19:46	YR
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.510	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.611	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**1.31**		ug/m³	0.198	0.848	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 19:46	YR

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 25C0160-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:52 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**3.68**		ug/m³	0.250	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	*** 2-Hexanone**	**0.834**	TO-CCV	ug/m³	0.695	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.33	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**4.06**	TO-CCV, TO-LCS-H	ug/m³	0.347	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**28.7**		ug/m³	1.61	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.39	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**1.68**		ug/m³	0.271	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.439	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.568	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.877	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.329	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.264	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.854**		ug/m³	0.133	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.390	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.224	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**0.538**		ug/m³	0.414	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.49**		ug/m³	0.175	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.168	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.385	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.613**		ug/m³	0.292	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.722	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.35**		ug/m³	0.419	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 25C0160-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:52 pm	03/04/2025

VOA, TO15 MASTER

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
141-78-6	*** Ethyl acetate**	**7.43**		ug/m³	0.611	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.47**		ug/m³	0.368	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.904	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**53.7**		ug/m³	1.25	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**0.729**		ug/m³	0.347	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.306	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**2.71**		ug/m³	1.77	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	*** Naphthalene**	**1.33**		ug/m³	0.889	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**4.14**		ug/m³	0.348	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**1.94**		ug/m³	0.299	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.80**		ug/m³	0.368	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.63**	ICVE	ug/m³	0.736	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**1.33**		ug/m³	0.417	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.146	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.361	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**6.73**		ug/m³	0.575	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**2.80**		ug/m³	0.500	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:			
108-88-3	**Toluene**	**17.0**		ug/m³	0.320	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**4.64**		ug/m³	0.336	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.385	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**1.96**		ug/m³	0.114	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.43**		ug/m³	0.476	0.848	EPA TO-15	03/16/2025 06:10	03/16/2025 19:46	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 25C0160-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:52 pm	03/04/2025

VOA, TO15 MASTER

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
108-05-4	Vinyl acetate	ND	TO-LCS-L, ICVE	ug/m³	0.299	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.371	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.108	0.848	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 19:46	YR

Sample Information

Client Sample ID: AA-1 **York Sample ID:** 25C0160-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:20 pm	03/04/2025

VOA, TO15 MASTER

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	0.511	0.744	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 20:32	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.406	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.511	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.570	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.406	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.301	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.147	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.552	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.366	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.572	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.447	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR

Sample Information

Client Sample ID: AA-1 **York Sample ID:** 25C0160-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:20 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.301	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.344	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.520	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.366	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.494	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.447	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.344	0.744	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 20:32	YR
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.447	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.536	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.521**		ug/m³	0.174	0.744	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 20:32	YR
78-93-3	**2-Butanone**	**0.856**		ug/m³	0.219	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.610	0.744	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 20:32	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.16	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
108-10-1	**4-Methyl-2-pentanone**	**0.579**	TO-CCV, TO-LCS-H	ug/m³	0.305	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
67-64-1	**Acetone**	**8.18**		ug/m³	1.41	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.10	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
71-43-2	**Benzene**	**0.761**		ug/m³	0.238	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.385	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.498	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-25-2	Bromoform	ND		ug/m³	0.769	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
74-83-9	Bromomethane	ND		ug/m³	0.289	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.232	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR

Sample Information

Client Sample ID: AA-1 **York Sample ID:** 25C0160-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:20 pm	03/04/2025

VOA, TO15 MASTER

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**	**0.374**		ug/m³	0.117	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.343	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.196	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.363	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.04**		ug/m³	0.154	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.147	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.338	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.256	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.634	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.02**		ug/m³	0.368	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**2.36**		ug/m³	0.536	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.355**		ug/m³	0.323	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.793	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**3.51**		ug/m³	1.10	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.305	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.268	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.55	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	0.780	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**0.366**		ug/m³	0.305	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.839**		ug/m³	0.262	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.452**		ug/m³	0.323	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.26**	ICVE	ug/m³	0.646	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.366	0.744	EPA TO-15	03/16/2025 06:10	03/16/2025 20:32	YR
							Certifications:			

Sample Information

Client Sample ID: AA-1 **York Sample ID:** 25C0160-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:20 pm	03/04/2025

VOA, TO15 MASTER

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	ND		ug/m³	0.128	0.744	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 20:32	YR
100-42-5	Styrene	ND		ug/m³	0.317	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
127-18-4	**Tetrachloroethylene**	**0.908**		ug/m³	0.505	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.439	0.744	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 20:32	YR
108-88-3	**Toluene**	**2.19**		ug/m³	0.280	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.295	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.338	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.100	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.13**		ug/m³	0.418	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.262	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.325	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.0951	0.744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 20:32	YR

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 25C0160-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:02 pm	03/04/2025

VOA, TO15 MASTER

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	0.540	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.429	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.540	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.602	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 25C0160-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:02 pm	03/04/2025

VOA, TO15 MASTER

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.429	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.318	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.156	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.583	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.773**		ug/m³	0.386	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.604	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.473	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.318	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.363	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.549	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.386	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.522	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.473	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.363	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.473	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.566	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
540-84-1	* **2,2,4-Trimethylpentane**	**0.918**		ug/m³	0.184	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
78-93-3	**2-Butanone**	**1.65**		ug/m³	0.232	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.644	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.23	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
108-10-1	**4-Methyl-2-pentanone**	**1.16**	TO-CCV, TO-LCS-H	ug/m³	0.322	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 25C0160-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:02 pm	03/04/2025

VOA, TO15 MASTER

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
67-64-1	**Acetone**	**17.2**		ug/m³	1.49	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.22	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**1.16**		ug/m³	0.251	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.407	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.527	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.812	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.305	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.245	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.396**		ug/m³	0.124	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.362	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.207	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.384	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.18**		ug/m³	0.162	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.156	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.357	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.379**		ug/m³	0.271	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.670	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.06**		ug/m³	0.389	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**16.9**		ug/m³	0.566	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.717**		ug/m³	0.341	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.838	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**22.1**		ug/m³	1.16	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	**Methyl Methacrylate**	**0.386**		ug/m³	0.322	0.786	EPA TO-15	03/16/2025 06:10	03/16/2025 21:18	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 25C0160-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:02 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.283	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
75-09-2	Methylene chloride	ND		ug/m³	1.64	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
91-20-3	* Naphthalene	ND		ug/m³	0.824	0.786	EPA TO-15 Certifications: NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
142-82-5	**n-Heptane**	**2.03**		ug/m³	0.322	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
110-54-3	**n-Hexane**	**1.14**		ug/m³	0.277	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
95-47-6	**o-Xylene**	**0.853**		ug/m³	0.341	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
179601-23-1	**p- & m- Xylenes**	**2.63**	ICVE	ug/m³	0.683	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
622-96-8	*** p-Ethyltoluene**	**0.657**		ug/m³	0.386	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
115-07-1	* Propylene	ND		ug/m³	0.135	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
100-42-5	Styrene	ND		ug/m³	0.335	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
127-18-4	**Tetrachloroethylene**	**1.07**		ug/m³	0.533	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.464	0.786	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 21:18	YR
108-88-3	**Toluene**	**6.10**		ug/m³	0.296	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.312	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.357	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.106	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.10**		ug/m³	0.442	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.277	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.344	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.100	0.786	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 21:18	YR

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 25C0160-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:00 pm	03/04/2025

VOA, TO15 MASTER

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	0.670	0.976	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:04	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.533	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.670	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.748	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.533	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.395	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.193	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.724	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.720**		ug/m³	0.480	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.750	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.587	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.395	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.451	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.682	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.480	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.648	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.587	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.451	0.976	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:04	YR
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.587	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.703	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
540-84-1	* **2,2,4-Trimethylpentane**	**0.866**		ug/m³	0.228	0.976	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:04	YR
78-93-3	**2-Butanone**	**1.21**		ug/m³	0.288	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 25C0160-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:00 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.800	0.976	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:04	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.53	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
108-10-1	**4-Methyl-2-pentanone**	**0.960**	TO-CCV, TO-LCS-H	ug/m³	0.400	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
67-64-1	**Acetone**	**14.7**		ug/m³	1.85	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
107-13-1	**Acrylonitrile**	**11.1**		ug/m³	2.75	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
71-43-2	**Benzene**	**1.06**		ug/m³	0.312	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.505	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.654	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-25-2	Bromoform	ND		ug/m³	1.01	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
74-83-9	Bromomethane	ND		ug/m³	0.379	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.304	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
56-23-5	**Carbon tetrachloride**	**0.430**		ug/m³	0.154	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.449	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-00-3	Chloroethane	ND		ug/m³	0.258	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
67-66-3	Chloroform	ND		ug/m³	0.477	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
74-87-3	**Chloromethane**	**1.13**		ug/m³	0.202	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.193	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.443	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
110-82-7	**Cyclohexane**	**0.370**		ug/m³	0.336	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.831	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-71-8	**Dichlorodifluoromethane**	**2.17**		ug/m³	0.483	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
141-78-6	*** Ethyl acetate**	**2.64**		ug/m³	0.703	0.976	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:04	YR

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 25C0160-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:00 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.636**		ug/m³	0.424	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.04	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**25.2**		ug/m³	1.44	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.400	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.352	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.03	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.02	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**3.72**		ug/m³	0.400	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**1.07**		ug/m³	0.344	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.720**		ug/m³	0.424	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**2.08**	ICVE	ug/m³	0.848	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**0.624**		ug/m³	0.480	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.168	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.416	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**0.993**		ug/m³	0.662	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.576	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications:			
108-88-3	**Toluene**	**5.11**		ug/m³	0.368	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.387	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.443	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.131	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.04**		ug/m³	0.548	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.344	0.976	EPA TO-15	03/16/2025 06:10	03/16/2025 22:04	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 25C0160-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:00 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.427	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.125	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:04	YR

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 25C0160-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:14 pm	03/04/2025

VOA, TO15 MASTER

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	0.610	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.485	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.610	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.681	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.485	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.359	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.176	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.659	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.829**		ug/m³	0.437	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.682	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.534	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.359	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.410	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 25C0160-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:14 pm	03/04/2025

VOA, TO15 MASTER

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
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.621	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.437	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.589	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.534	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.410	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.534	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.640	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.705**		ug/m³	0.207	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
78-93-3	**2-Butanone**	**2.41**		ug/m³	0.262	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.728	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.39	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
108-10-1	**4-Methyl-2-pentanone**	**1.02**	TO-CCV, TO-LCS-H	ug/m³	0.364	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
67-64-1	**Acetone**	**81.7**		ug/m³	1.69	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.51	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
71-43-2	**Benzene**	**1.02**		ug/m³	0.284	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.460	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.595	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-25-2	Bromoform	ND		ug/m³	0.918	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
74-83-9	Bromomethane	ND		ug/m³	0.345	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.277	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
56-23-5	**Carbon tetrachloride**	**0.559**		ug/m³	0.140	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.409	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 25C0160-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:14 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m³	0.234	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
67-66-3	Chloroform	ND		ug/m³	0.434	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
74-87-3	**Chloromethane**	**1.28**		ug/m³	0.183	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.176	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.403	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
110-82-7	**Cyclohexane**	**1.38**		ug/m³	0.306	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.756	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-71-8	**Dichlorodifluoromethane**	**2.06**		ug/m³	0.439	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
141-78-6	*** Ethyl acetate**	**2.18**		ug/m³	0.640	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
100-41-4	**Ethyl Benzene**	**1.43**		ug/m³	0.386	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.947	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
67-63-0	**Isopropanol**	**17.1**		ug/m³	1.31	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.364	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.320	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-09-2	Methylene chloride	ND		ug/m³	1.85	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
91-20-3	* Naphthalene	ND		ug/m³	0.931	0.888	EPA TO-15 Certifications: NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
142-82-5	**n-Heptane**	**2.40**		ug/m³	0.364	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
110-54-3	**n-Hexane**	**1.19**		ug/m³	0.313	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
95-47-6	**o-Xylene**	**1.50**		ug/m³	0.386	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
179601-23-1	**p- & m- Xylenes**	**5.13**	ICVE	ug/m³	0.771	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
622-96-8	*** p-Ethyltoluene**	**0.742**		ug/m³	0.437	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
115-07-1	* Propylene	ND		ug/m³	0.153	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
100-42-5	Styrene	ND		ug/m³	0.378	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 25C0160-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 4:14 pm	03/04/2025

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.843**		ug/m³	0.602	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.524	0.888	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 22:50	YR
108-88-3	**Toluene**	**3.61**		ug/m³	0.335	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.352	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.403	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.119	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.998**		ug/m³	0.499	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.313	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.388	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.113	0.888	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 22:50	YR

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 25C0160-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER **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	0.603	0.879	EPA TO-15 Certifications:	03/15/2025 06:10	03/16/2025 10:14	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.480	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.603	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.674	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.480	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.356	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 25C0160-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.174	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.652	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.21**		ug/m³	0.432	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.675	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.528	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.356	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.406	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.614	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.432	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.583	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.528	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.406	0.879	EPA TO-15 Certifications:	03/15/2025 06:10	03/16/2025 10:14	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.528	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.633	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
540-84-1	* **2,2,4-Trimethylpentane**	**0.945**		ug/m³	0.205	0.879	EPA TO-15 Certifications:	03/15/2025 06:10	03/16/2025 10:14	YR
78-93-3	**2-Butanone**	**3.08**		ug/m³	0.259	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.720	0.879	EPA TO-15 Certifications:	03/15/2025 06:10	03/16/2025 10:14	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.38	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
108-10-1	**4-Methyl-2-pentanone**	**1.22**		ug/m³	0.360	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
67-64-1	**Acetone**	**774**		ug/m³	31.4	16.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 17:08	YR
107-13-1	**Acrylonitrile**	**3.11**		ug/m³	2.48	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
71-43-2	**Benzene**	**1.07**		ug/m³	0.281	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 25C0160-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	0.455	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.589	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-25-2	Bromoform	ND		ug/m³	0.909	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
74-83-9	Bromomethane	ND		ug/m³	0.341	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.274	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
56-23-5	**Carbon tetrachloride**	**0.553**		ug/m³	0.138	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.405	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-00-3	Chloroethane	ND		ug/m³	0.232	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
67-66-3	Chloroform	ND		ug/m³	0.429	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
74-87-3	**Chloromethane**	**1.18**		ug/m³	0.182	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.174	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.399	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
110-82-7	**Cyclohexane**	**10.4**		ug/m³	0.303	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.749	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-71-8	**Dichlorodifluoromethane**	**2.09**		ug/m³	0.435	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
141-78-6	*** Ethyl acetate**	**5.32**		ug/m³	0.633	0.879	EPA TO-15 Certifications:	03/15/2025 06:10	03/16/2025 10:14	YR
100-41-4	**Ethyl Benzene**	**10.2**		ug/m³	0.382	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.937	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
67-63-0	**Isopropanol**	**19.3**		ug/m³	1.30	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.360	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.317	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
75-09-2	Methylene chloride	ND		ug/m³	1.83	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR
91-20-3	* Naphthalene	ND		ug/m³	0.922	0.879	EPA TO-15 Certifications: NJDEP-NY037	03/15/2025 06:10	03/16/2025 10:14	YR

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 25C0160-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Indoor Ambient Air	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	**n-Heptane**	**2.52**		ug/m³	0.360	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**1.52**		ug/m³	0.310	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**8.89**		ug/m³	0.382	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**37.9**		ug/m³	0.763	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**1.17**		ug/m³	0.432	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.151	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.374	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**0.954**		ug/m³	0.596	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**0.933**		ug/m³	0.518	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications:			
108-88-3	**Toluene**	**4.54**		ug/m³	0.331	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.349	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.399	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.118	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.09**		ug/m³	0.494	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	TO-LC S-L	ug/m³	0.310	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.384	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.112	0.879	EPA TO-15	03/15/2025 06:10	03/16/2025 10:14	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SSDS Effluent **York Sample ID:** 25C0160-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Soil Vapor	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: **SSDS Effluent** **York Sample ID:** **25C0160-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Soil Vapor	March 4, 2025 3:25 pm	03/04/2025

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.07	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.850	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.07	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.19	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.850	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.630	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.309	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.16	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.765	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.20	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.936	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.630	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.719	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.09	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.765	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.03	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.936	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.720	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
106-46-7	1,4-Dichlorobenzene	ND	CAL-E	ug/m³	0.936	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.12	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**1.45**		ug/m³	0.364	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
78-93-3	**2-Butanone**	**2.57**		ug/m³	0.459	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.28	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR

Sample Information

Client Sample ID: **SSDS Effluent** **York Sample ID:** **25C0160-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Soil Vapor	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.44	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
108-10-1	**4-Methyl-2-pentanone**	**2.74**	TO-CCV, TO-LCS-H	ug/m³	0.638	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
67-64-1	**Acetone**	**61.9**		ug/m³	2.96	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
107-13-1	Acrylonitrile	ND		ug/m³	4.39	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
71-43-2	**Benzene**	**1.69**		ug/m³	0.497	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.806	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.04	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-25-2	Bromoform	ND		ug/m³	1.61	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
74-83-9	Bromomethane	ND		ug/m³	0.605	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.485	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
56-23-5	**Carbon tetrachloride**	**0.294**		ug/m³	0.245	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.717	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-00-3	Chloroethane	ND		ug/m³	0.411	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
67-66-3	Chloroform	ND		ug/m³	0.760	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
74-87-3	**Chloromethane**	**0.965**		ug/m³	0.322	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.309	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.707	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
110-82-7	**Cyclohexane**	**0.750**		ug/m³	0.536	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.33	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-71-8	**Dichlorodifluoromethane**	**2.16**		ug/m³	0.770	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
141-78-6	*** Ethyl acetate**	**16.6**		ug/m³	1.12	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
100-41-4	**Ethyl Benzene**	**0.811**		ug/m³	0.676	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR

Sample Information

Client Sample ID: **SSDS Effluent** **York Sample ID:** **25C0160-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Soil Vapor	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.66	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
67-63-0	**Isopropanol**	**16.7**		ug/m³	2.30	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
80-62-6	**Methyl Methacrylate**	**0.637**		ug/m³	0.637	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.561	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-09-2	Methylene chloride	ND		ug/m³	3.25	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
91-20-3	* Naphthalene	ND		ug/m³	1.63	1.557	EPA TO-15 Certifications: NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
142-82-5	**n-Heptane**	**1.40**		ug/m³	0.638	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
110-54-3	**n-Hexane**	**3.62**		ug/m³	0.549	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
95-47-6	**o-Xylene**	**0.946**		ug/m³	0.676	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
179601-23-1	**p- & m- Xylenes**	**2.91**	ICVE	ug/m³	1.35	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.765	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
115-07-1	* Propylene	ND		ug/m³	0.268	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
100-42-5	Styrene	ND		ug/m³	0.663	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	1.06	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
109-99-9	*** Tetrahydrofuran**	**1.47**		ug/m³	0.918	1.557	EPA TO-15 Certifications:	03/16/2025 06:10	03/16/2025 23:36	YR
108-88-3	**Toluene**	**6.40**		ug/m³	0.587	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.617	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.707	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
79-01-6	**Trichloroethylene**	**0.251**		ug/m³	0.209	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.05**		ug/m³	0.875	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.548	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.681	1.557	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/16/2025 06:10	03/16/2025 23:36	YR

Sample Information

Client Sample ID: **SSDS Effluent** **York Sample ID:** **25C0160-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C0160	10012 Info Tech High School	Soil Vapor	March 4, 2025 3:25 pm	03/04/2025

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.199	1.557	EPA TO-15	03/16/2025 06:10	03/16/2025 23:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Analytical Batch Summary

Batch ID: BC51266 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25C0160-07	IA-6	03/15/25
BC51266-BLK1	Blank	03/15/25
BC51266-BS1	LCS	03/15/25

Batch ID: BC51267 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25C0160-01	IA-1	03/16/25
25C0160-02	AA-1	03/16/25
25C0160-03	IA-2	03/16/25
25C0160-05	IA-4	03/16/25
25C0160-06	IA-5	03/16/25
25C0160-07RE1	IA-6	03/16/25
25C0160-08	SSDS Effluent	03/16/25
BC51267-BLK1	Blank	03/16/25
BC51267-BS1	LCS	03/16/25

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 BC51266 - EPA TO15 PREP											
Blank (BC51266-BLK1)											Prepared & Analyzed: 03/15/2025
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2,2,4-Trimethylpentane	ND	0.234	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	1.90	"								
Acrylonitrile	ND	2.82	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	1.47	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								

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 BC51266 - EPA TO15 PREP											
Blank (BC51266-BLK1)								Prepared & Analyzed: 03/15/2025			
Methylene chloride	ND	2.08	ug/m³								
Naphthalene	ND	1.05	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BC51266-BS1)								Prepared & Analyzed: 03/15/2025			
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	9.41		"	10.0		94.1	70-130				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.91		"	10.0		89.1	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	9.52		"	10.0		95.2	70-130				
1,1-Dichloroethylene	9.77		"	10.0		97.7	70-130				
1,2,4-Trichlorobenzene	6.04		"	10.0		60.4	70-130	Low Bias			
1,2,4-Trimethylbenzene	11.4		"	10.0		114	70-130				
1,2-Dibromoethane	10.2		"	10.0		102	70-130				
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,2-Dichloroethane	11.1		"	10.0		111	70-130				
1,2-Dichloropropane	11.6		"	10.0		116	70-130				
1,2-Dichlorotetrafluoroethane	8.63		"	10.0		86.3	70-130				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,3-Butadiene	9.76		"	10.0		97.6	70-130				
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,3-Dichloropropane	11.3		"	10.0		113	70-130				
1,4-Dichlorobenzene	11.3		"	10.0		113	70-130				
1,4-Dioxane	10.9		"	10.0		109	70-130				
2,2,4-Trimethylpentane	10.5		"	10.0		105	70-130				
2-Butanone	10.2		"	10.0		102	70-130				
2-Hexanone	12.4		"	10.0		124	70-130				
3-Chloropropene	10.8		"	10.0		108	70-130				
4-Methyl-2-pentanone	12.5		"	10.0		125	70-130				
Acetone	9.79		"	10.0		97.9	70-130				
Acrylonitrile	8.99		"	10.0		89.9	70-130				
Benzene	9.20		"	10.0		92.0	70-130				
Benzyl chloride	8.08		"	10.0		80.8	70-130				
Bromodichloromethane	11.2		"	10.0		112	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 BC51266 - EPA TO15 PREP											
LCS (BC51266-BS1)								Prepared & Analyzed: 03/15/2025			
Bromoform	12.8		ppbv	10.0		128	70-130				
Bromomethane	8.85		"	10.0		88.5	70-130				
Carbon disulfide	9.11		"	10.0		91.1	70-130				
Carbon tetrachloride	9.45		"	10.0		94.5	70-130				
Chlorobenzene	10.8		"	10.0		108	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	9.19		"	10.0		91.9	70-130				
Chloromethane	10.4		"	10.0		104	70-130				
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	70-130				
cis-1,3-Dichloropropylene	11.8		"	10.0		118	70-130				
Cyclohexane	9.91		"	10.0		99.1	70-130				
Dibromochloromethane	11.0		"	10.0		110	70-130				
Dichlorodifluoromethane	9.53		"	10.0		95.3	70-130				
Ethyl acetate	12.4		"	10.0		124	70-130				
Ethyl Benzene	11.4		"	10.0		114	70-130				
Hexachlorobutadiene	15.3		"	10.0		153	70-130	High Bias			
Isopropanol	8.05		"	10.0		80.5	70-130				
Methyl Methacrylate	11.1		"	10.0		111	70-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130				
Methylene chloride	9.94		"	10.0		99.4	70-130				
Naphthalene	9.19		"	10.0		91.9	70-130				
n-Heptane	10.9		"	10.0		109	70-130				
n-Hexane	9.96		"	10.0		99.6	70-130				
o-Xylene	11.7		"	10.0		117	70-130				
p- & m- Xylenes	23.2		"	20.0		116	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	11.1		"	10.0		111	70-130				
Tetrahydrofuran	10.4		"	10.0		104	70-130				
Toluene	10.6		"	10.0		106	70-130				
trans-1,2-Dichloroethylene	9.79		"	10.0		97.9	70-130				
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Trichloroethylene	10.6		"	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	9.29		"	10.0		92.9	70-130				
Vinyl acetate	4.41		"	10.0		44.1	70-130	Low Bias			
Vinyl bromide	9.03		"	10.0		90.3	70-130				
Vinyl Chloride	9.19		"	10.0		91.9	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC51267 - EPA TO15 PREP

Blank (BC51267-BLK1)

Prepared & Analyzed: 03/16/2025

1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³
1,1,1-Trichloroethane	ND	0.546	"
1,1,2,2-Tetrachloroethane	ND	0.687	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"
1,1,2-Trichloroethane	ND	0.546	"
1,1-Dichloroethane	ND	0.405	"
1,1-Dichloroethylene	ND	0.198	"
1,2,4-Trichlorobenzene	ND	0.742	"
1,2,4-Trimethylbenzene	ND	0.492	"
1,2-Dibromoethane	ND	0.768	"
1,2-Dichlorobenzene	ND	0.601	"
1,2-Dichloroethane	ND	0.405	"
1,2-Dichloropropane	ND	0.462	"
1,2-Dichlorotetrafluoroethane	ND	0.699	"
1,3,5-Trimethylbenzene	ND	0.492	"
1,3-Butadiene	ND	0.664	"
1,3-Dichlorobenzene	ND	0.601	"
1,3-Dichloropropane	ND	0.462	"
1,4-Dichlorobenzene	ND	0.601	"
1,4-Dioxane	ND	0.721	"
2,2,4-Trimethylpentane	ND	0.234	"
2-Butanone	ND	0.295	"
2-Hexanone	ND	0.819	"
3-Chloropropene	ND	1.57	"
4-Methyl-2-pentanone	ND	0.410	"
Acetone	ND	1.90	"
Acrylonitrile	ND	2.82	"
Benzene	ND	0.319	"
Benzyl chloride	ND	0.518	"
Bromodichloromethane	ND	0.670	"
Bromoform	ND	1.03	"
Bromomethane	ND	0.388	"
Carbon disulfide	ND	0.311	"
Carbon tetrachloride	ND	0.157	"
Chlorobenzene	ND	0.460	"
Chloroethane	ND	0.264	"
Chloroform	ND	0.488	"
Chloromethane	ND	0.207	"
cis-1,2-Dichloroethylene	ND	0.198	"
cis-1,3-Dichloropropylene	ND	0.454	"
Cyclohexane	ND	0.344	"
Dibromochloromethane	ND	0.852	"
Dichlorodifluoromethane	ND	0.495	"
Ethyl acetate	ND	0.721	"
Ethyl Benzene	ND	0.434	"
Hexachlorobutadiene	ND	1.07	"
Isopropanol	ND	1.47	"
Methyl Methacrylate	ND	0.409	"
Methyl tert-butyl ether (MTBE)	ND	0.361	"
Methylene chloride	ND	2.08	"

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 BC51267 - EPA TO15 PREP											
Blank (BC51267-BLK1)								Prepared & Analyzed: 03/16/2025			
Naphthalene	ND	1.05	ug/m³								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BC51267-BS1)								Prepared & Analyzed: 03/16/2025			
1,1,1,2-Tetrachloroethane	11.0		ppbv	10.0		110	70-130				
1,1,1-Trichloroethane	9.86		"	10.0		98.6	70-130				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.38		"	10.0		93.8	70-130				
1,1,2-Trichloroethane	11.0		"	10.0		110	70-130				
1,1-Dichloroethane	9.95		"	10.0		99.5	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	5.75		"	10.0		57.5	70-130	Low Bias			
1,2,4-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,2-Dibromoethane	10.8		"	10.0		108	70-130				
1,2-Dichlorobenzene	10.7		"	10.0		107	70-130				
1,2-Dichloroethane	11.6		"	10.0		116	70-130				
1,2-Dichloropropane	12.2		"	10.0		122	70-130				
1,2-Dichlorotetrafluoroethane	8.54		"	10.0		85.4	70-130				
1,3,5-Trimethylbenzene	11.5		"	10.0		115	70-130				
1,3-Butadiene	10.2		"	10.0		102	70-130				
1,3-Dichlorobenzene	11.3		"	10.0		113	70-130				
1,3-Dichloropropane	11.8		"	10.0		118	70-130				
1,4-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,4-Dioxane	11.5		"	10.0		115	70-130				
2,2,4-Trimethylpentane	10.9		"	10.0		109	70-130				
2-Butanone	10.6		"	10.0		106	70-130				
2-Hexanone	13.0		"	10.0		130	70-130				
3-Chloropropene	11.3		"	10.0		113	70-130				
4-Methyl-2-pentanone	13.0		"	10.0		130	70-130				
Acetone	10.2		"	10.0		102	70-130				
Acrylonitrile	9.41		"	10.0		94.1	70-130				
Benzene	9.65		"	10.0		96.5	70-130				
Benzyl chloride	8.19		"	10.0		81.9	70-130				
Bromodichloromethane	11.8		"	10.0		118	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 BC51267 - EPA TO15 PREP											
LCS (BC51267-BS1)								Prepared & Analyzed: 03/16/2025			
Bromomethane	9.32		ppbv	10.0		93.2	70-130				
Carbon disulfide	9.53		"	10.0		95.3	70-130				
Carbon tetrachloride	9.92		"	10.0		99.2	70-130				
Chlorobenzene	11.1		"	10.0		111	70-130				
Chloroethane	10.5		"	10.0		105	70-130				
Chloroform	9.62		"	10.0		96.2	70-130				
Chloromethane	8.92		"	10.0		89.2	70-130				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	70-130				
cis-1,3-Dichloropropylene	12.5		"	10.0		125	70-130				
Cyclohexane	10.3		"	10.0		103	70-130				
Dibromochloromethane	11.6		"	10.0		116	70-130				
Dichlorodifluoromethane	9.98		"	10.0		99.8	70-130				
Ethyl acetate	13.0		"	10.0		130	70-130				
Ethyl Benzene	11.6		"	10.0		116	70-130				
Hexachlorobutadiene	15.7		"	10.0		157	70-130	High Bias			
Isopropanol	8.52		"	10.0		85.2	70-130				
Methyl Methacrylate	11.7		"	10.0		117	70-130				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	70-130				
Methylene chloride	10.4		"	10.0		104	70-130				
Naphthalene	9.10		"	10.0		91.0	70-130				
n-Heptane	11.3		"	10.0		113	70-130				
n-Hexane	10.4		"	10.0		104	70-130				
o-Xylene	11.9		"	10.0		119	70-130				
p- & m- Xylenes	23.6		"	20.0		118	70-130				
p-Ethyltoluene	12.0		"	10.0		120	70-130				
Propylene	10.7		"	10.0		107	70-130				
Styrene	11.9		"	10.0		119	70-130				
Tetrachloroethylene	11.6		"	10.0		116	70-130				
Tetrahydrofuran	10.9		"	10.0		109	70-130				
Toluene	11.1		"	10.0		111	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	12.3		"	10.0		123	70-130				
Trichloroethylene	11.2		"	10.0		112	70-130				
Trichlorofluoromethane (Freon 11)	9.74		"	10.0		97.4	70-130				
Vinyl acetate	4.32		"	10.0		43.2	70-130	Low Bias			
Vinyl bromide	9.51		"	10.0		95.1	70-130				
Vinyl Chloride	9.61		"	10.0		96.1	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-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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.

Revision Description: This report has been revised to include Naphthalene and 2,2,4 Trimethylpentane for all samples.

York Analytical Laboratories, Inc.
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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. 25C0160

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Fleming Lee Shve	Company: "	Company: "	10092	RUSH - Next Day
Address: 158 West, 29th Street, #9 New York NY 10001	Address: "	Address: "	YOUR Project Name: Info Tech High School	RUSH - Two Day
Phone.: 212-675-3225	Phone.: "	Phone.: "		RUSH - Three Day
Contact: J. Arey	Contact: "	Contact: "		RUSH - Four Day
E-mail: jordan@flemingleeshve.com	E-mail: "	E-mail: "	YOUR PO#: DPC 0202	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.

Sanskruti Pashte

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

SPashte

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 X ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
IA-1	3/4/25 15:52	AI	30	5	50378	19415	TO-15
~~IA-1~~	3/4/25 16:20	AO	31	+4	24254	7087	TO-15
IA-2	3/4/25 16:02	AI	30	+3	24128	7423	TO-15
IA-3	3/4/25 15:56	AI	30	5	24113	20955	TO-15
IA-4	3/4/25 16:00	AI	31	8	48316	6861	TO-15
IA-5	3/4/25 16:14	AI	30	+7	49993	5612	TO-15
IA-6	3/4/25 15:25	AI	29	5	48294	17989	TO-15

Comments:

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

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
SPashte	03/04/25 17:21	A. Husoma	3/4/25 17:21	Azhar Husoma	3/4/25
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				MK	3/4/25 19:03

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. 25C0160

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Fleming Lee Shue	Company: " "	Company: " "	10012	RUSH - Next Day
Address: 158 W, 29th Street #9 NY NY 10001	Address: " "	Address: " "	YOUR Project Name: Info Tech High School	RUSH - Two Day
Phone.: 212-675-3225	Phone.: " "	Phone.: " "		RUSH - Three Day
Contact: J. Arey	Contact: " "	Contact: " "		RUSH - Four Day
E-mail: jordan@flemingleeshue.com	E-mail: " "	E-mail: " "	YOUR PO#: DPC0202	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.

Sanskruti Pashte

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

S Pashte

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
AS - Soil Vapor/Sub-Slab	Other	Other:			

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X 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
SSDS Effluent	3/4/25 10:15	AS	31	4	17359	20927	TO-15

Comments:
Note:- 2L Can for SSDS Effluent

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits X
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
S Pashte	3/4/25 17:21	A. Hugorn 3/4/25 17:21		A. Hugorn 3/4/25	
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				3/4/25	19:03