VOLATILE VAPOR INTRUSION (VVI) REPORT

BETHPAGE HIGH SCHOOL
10 CHERRY AVENUE
BETHPAGE, NEW YORK 11714

PREPARED FOR:
BETHPAGE UNION FREE SCHOOL DISTRICT
10 CHERRY AVENUE
BETHPAGE, NEW YORK 11714

JCB PROJECT #: 22-51656
MAY 2022

J.C. BRODERICK & ASSOCIATES, INC.
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Section No. 1.0: Introduction

J.C. Broderick and Associates, Inc. (JCB) was retained by the Bethpage Union Free School District (Bethpage) to investigate the potential for volatile vapor intrusion (VVI) from known groundwater contamination emanating from the nearby Bethpage Community Park and the former Grumman facility. JCB performed VVI air sampling within the Bethpage High School. The sampling protocol was performed essentially in accordance with the requirements of the New York State Department of Health (NYSDOH) "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", Final Version, October 2006.

Section No. 2.0: Site Description and Location

The Subject Site is located at 10 Cherry Avenue Bethpage, New York 11714 and consists of a multi-story building with a partial basement and sub-basement and is operated by the Bethpage UFSD as the Bethpage High School. The Subject Site is located on the southeast corner of the intersection formed by Stewart and Cherry Avenues. According to the United States Geological Survey (USGS) *Huntington, New York, 1992* 7.5 Minute Series Topographical Map, the Subject Site is situated at an approximate elevation of 121 feet (ft) above mean sea level. The United States Geological Service (USGS) Water Table Map (2016) indicates the depth to groundwater is approximately 55 feet below the surface and is anticipated to flow southeast towards South Oyster Bay. The location of the Subject Site is shown on the Site Location Map, Appendix-A Figure-1.

Section No. 3.0: Volatile Vapor Intrusion (VVI) Evaluation

The design scope outlined in the Volatile Vapor Intrusion (VVI) Investigation Work Plan (IWP) dated July 2012 was followed during the volatile vapor intrusion evaluations. The following sections describe the procedures taken.

Section No. 3.1: Pre-Work Field Preparations

Prior to setup, a pre-sampling inspection was performed to evaluate the physical layout and conditions of the school building, to specifically determine the location of each sample, identify conditions that may affect or interfere with the proposed sampling and to prepare the building for sampling.

- To document conditions during indoor air sampling and ultimately to aid in the interpretation of the sampling results, the following actions were taken:
  - The storage of volatile chemicals was identified.
  - The use of heating or air conditioning systems during sampling was noted.
  - Floor plan sketches were drawn which include: the floor layout with sampling locations, chemical storage areas, garages, doorways, stairways, locations of basement sumps or subsurface drains and utility perforations through building foundations, HVAC system supply and return registers, compass orientation (north) and footings that create separate foundation sections. Photographs were taken to accompany the floor plan sketches.
  - Any pertinent observations, including readings from a Photo-Ionization Detector (PID) and other field instrumentation, were recorded.

Section No. 3.2: Subsurface Vapor Sample Collection

The following summarizes the manner in which subsurface vapor samples were collected. Please refer to Figure No. 2 - Subsurface, Crawl Space and Basement Sample Locations for additional details.

- For the collection of the subsurface vapor samples, a probe was fabricated from ½-inch diameter, threaded brass pipe with a barbed tubing connection. The two (2) layers of 6-mil polyethylene sheeting were penetrated, and a one (1) inch diameter hole was drilled, utilizing a hammer drill, into the sand floor of the crawl space extending approximately six (6) inches below the top of the sand. The pipe was lowered into the hole and sealed to the plastic sheeting with modeling clay containing no volatile organic compounds (VOCs). A five (5) gallon plastic container was placed on top of the plastic sheeting and above the vapor point. The container was also sealed to the plastic sheeting utilizing modeling clay. A Teflon-lined, ¼-inch I.D. disposable polyethylene tubing was then utilized to connect the barbed connection of the vapor point to a clean-certified, 6-liter SUMMA® canister, provided by York Analytical Labs, Inc. (York) through a flow controller pre-set for an eight (8) hour long sample duration. The tubing included a tee connection and valve to a purging vacuum pump calibrated for a flow rate of less than 0.2 liters per minute. The tubing, probe and subsurface soil was purged of at least one (1) liter of vapor prior to sample collection. Upon completion of the sampling, the polyethylene sheeting was replaced on the floor and secured in place with duct tape.

- Helium (He) was introduced into the atmosphere under the pail, as a tracer gas, to assure the viability of the vapor point seals with the atmosphere. The tracer gas was monitored in the purge air before sampling and outside of all seals before, during and after sampling, utilizing a Myron Helium Detector. In addition, Helium (He) was analyzed for in the SUMMA® canister and if detected at more than ten (10) percent, the sample would be considered invalid and retaken.

- On April 18, 2022, a total of two (2) subsurface vapor samples were collected.

    - One (1) subsurface sample was collected from beneath the north end of the west crawl space under the west side school entrance.

    - One (1) subsurface sample was collected from beneath the south end of the west crawl space under the southwest cafeteria “A”.

Section No. 3.3: Indoor Air Sample Collection

The following summarizes the manner in which indoor air samples were collected:

- Sample flow rates conformed to the specifications in the sample collection method (less than 0.2 liters per minute) and were consistent with the hours of operation of the school building. Samples were taken from areas where personnel and occupants would not interfere with the sampling. The samples were collected, utilizing conventional sampling methods, in laboratory clean-certified, 6-liter SUMMA® canisters, provided by York equipped with a flow controller pre-set for an eight (8) hour long sample duration. As per the guidance requirements, the samples were collected at a height approximately three (3) feet above the floor to represent a height at which occupants are normally seated.

Section No. 3.3.1: Crawl Space/Basement Air Sample Collection

Please refer to Figure No. 2 - Subsurface, Crawl space and Basement Sample Locations for additional details.

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- On April 18, 2022, a total of two (2) crawl space and one (1) basement air samples were collected.
  - One (1) air sample was collected from the north end of the west crawl space under the west side school entrance.
  - One (1) air sample was collected from the south end of the west crawl space under the southwest cafeteria "A".
  - One (1) air sample was collected from the intersection of the two (2) hallways in the basement of the administration building.

Section No. 3.3.2: 1st Floor Air Sample Collection

Please refer to Figure No. 3 - 1st Floor and Ambient Sample Locations for additional details.

- On April 18, 2022, two (2) 1st floor air sample was collected.
  - One (1) air sample was collected from the 1st Floor Hallway located approximately above the north crawl space sampling location.
  - One (1) air sample was collected from within Cafeteria "A" located in the southwest corner of the high school building.

Section No. 3.4: Outdoor (Ambient) Air Sample Collection

An outdoor (ambient) air sample was collected simultaneously with subsurface and indoor samples to evaluate the potential influence, if any, of outdoor air on indoor air quality. To obtain a representative sample which meets the data quality objectives, the outdoor air sample was collected in a manner consistent with that for indoor air samples. The sample was collected, utilizing conventional sampling methods, in a laboratory clean-certified, 6-liter SUMMA® canister, provided by York equipped with a flow controller pre-set for an eight (8) hour sample duration. As per the guidance requirements, the sample was collected at a height approximately three (3) feet above the ground. Please refer to Figure No. 3 - 1st Floor and Ambient Sample Locations for additional details.

- On April 18, 2022, one (1) outdoor (ambient) air sample was collected.
  - One (1) air sample was collected from outside the west side of the high school building adjacent to Classroom Number 117.

Section No. 4.0: Laboratory Analytical Summary

The air samples were collected into laboratory supplied, clean-certified, 6-liter SUMMA® canisters, and assigned individual identification numbers. Chain of custody documents were prepared, and the samples were then delivered to an independent New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis.

York Analytical Labs, Inc. provided laboratory analytical services. Copies of York's NYSDOH certifications are available upon request.

Air samples submitted for laboratory analysis were analyzed for Volatile Organic Compounds (VOCs) utilizing the Environmental Protection Agency Toxic Organics 15 (EPA TO-15) list. Subsurface soil vapor samples were also analyzed for Helium.

The laboratory analysis results for the air samples collected were reviewed and compared to the 90th percentile as listed in Table C2 EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMA canister method found in NYSDOH's "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 and all available updates.

The table on the following page summarizes the Air Sampling Analytical Results of Detected Compounds.

Table No. 1:
Volatile Vapor Intrusion Analytical Results of Detected Compounds Via EPA Method TO-15

Sample ID			South Subsurface		South Crawlspace		1st Floor Cafeteria "A"		North Subsurface		North Crawlspace		1st Floor Hallway		Admin Wing Basement		Ambient	
York ID			22D0911-01		22D0911-02		22D0911-03		22D0911-04		22D0911-05		22D0911-06		22D0911-07		22D0911-08	
Sampling Date		EPA 2001	4/18/2022		4/18/2022		4/18/2022		4/18/2022		4/18/2022		4/18/2022		4/18/2022		4/18/2022	
Client Matrix		BASE 90th	Soil Vapor		Indoor Ambient Air		Indoor Ambient Air		Soil Vapor		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Outdoor Ambient Air	
Compound	**CAS Number**	percentile	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Helium			%						%									
Dilution Factor			1						1									
Volatile Organics, EPA TO15 Full List		ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor			7.748		1.261		0.833		9.436		1.314		1.062		0.89		1.054	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	3.5	5.899	U	0.996	U	0.636	D	7.201	U	0.996	U	0.843	U	0.682	U	0.843	U
1,2,4-Trichlorobenzene	120-82-1	6.8	5.712	J	1.335	D	0.616	U	6.973	U	0.964	U	0.816	U	0.660	U	0.816	U
1,4-Dichlorobenzene	106-46-7	5.5	4.628	U	0.781	J	0.499	U	5.649	U	0.781	U	0.661	U	0.535	U	0.661	U
2-Butanone	78-93-3	12	412.731	D	1.091	D	0.737	D	560.135	D	0.619	D	0.973	D	1.061	D	0.501	D
2-Hexanone	591-78-6	~	6.142	U	1.024	J	0.696	U	7.780	U	1.065	U	0.860	U	0.737	U	0.860	U
Acetone	67-64-1	98.9	211.330	D	6.411	D	5.699	D	332.428	D	8.311	D	9.498	D	9.261	D	3.087	D
Benzene	71-43-2	9.4	2.714	D	0.511	D	0.447	D	3.513	D	0.447	D	0.479	D	0.383	D	0.351	U
Carbon tetrachloride	56-23-5	1.3	1.195	U	0.478	D	0.472	D	1.509	U	0.415	D	0.535	D	0.390	D	0.396	D
Chloroform	67-66-3	1.1	3.758	U	0.634	U	0.405	U	4.588	U	0.634	U	0.537	U	0.879	D	0.537	U
Chloromethane	74-87-3	3.7	1.589	U	1.135	D	1.053	D	1.940	U	1.239	D	1.053	D	1.156	D	1.259	D
Dichlorodifluoromethane	75-71-8	16.5	3.806	U	2.669	D	2.570	D	4.647	U	2.521	D	2.768	D	2.620	D	2.620	D
Ethyl acetate	141-78-6	5.4	5.403	U	0.900	U	0.612	J	6.843	U	0.936	U	0.756	J	0.648	J	0.756	U
Ethyl Benzene	100-41-4	5.7	3.342	U	0.564	U	0.360	U	4.080	U	0.564	J	0.477	U	1.606	D	0.477	U
Isopropanol	67-63-0	250	19.902	BD	4.423	BD	6.880	BD	23.834	BD	3.686	BD	22.359	BD	10.811	BD	1.941	BD
Methyl Methacrylate	80-62-6	~	3.151	U	0.532	U	0.340	U	3.847	U	0.532	U	0.655	D	0.737	D	0.450	U
Methylene chloride	75-09-2	10	5.208	J	1.042	D	4.514	D	6.597	J	0.903	J	**11.805**	D	9.375	D	4.167	D
n-Heptane	142-82-5	~	3.155	U	0.533	J	0.377	D	3.851	U	0.533	J	0.533	D	0.696	D	0.451	U
n-Hexane	110-54-3	10.2	6.694	D	0.458	D	0.599	D	8.456	D	0.458	U	1.339	D	0.775	D	0.423	D
o-Xylene	95-47-6	7.9	3.342	J	0.564	J	0.360	J	4.080	U	0.564	J	0.477	J	0.386	J	0.477	U
p- & m- Xylenes	179601-23-1	~	6.510	U	1.085	U	0.738	U	8.246	U	1.128	U	0.911	J	0.781	J	0.911	U
Styrene	100-42-5	1.9	3.279	U	0.554	U	0.353	U	4.002	U	0.554	U	0.468	U	1.533	D	0.468	U
Tetrachloroethylene	127-18-4	15.9	5.220	U	0.881	J	0.563	U	6.373	U	0.881	U	0.746	J	0.949	D	0.746	U
Toluene	108-88-3	43	229.785	D	1.130	D	1.770	D	376.697	D	0.979	D	2.486	D	3.729	D	0.414	J
Trichlorofluoromethane (Freon 11)	75-69-4	~	4.325	U	1.797	D	2.078	D	5.280	U	1.460	D	2.359	D	2.864	D	1.573	D

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

NT=this indicates the analyte was not a target for this sample

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

The results of the air sampling from the 1st Floor Hallway indicated the detection of Methylene chloride at a concentration of 11.8 µg/m^3 slightly above the EPA BASE 90th Percentile of 10.0 µg/m^3.

The laboratory analysis results for the air samples collected were also reviewed and compared to the Air Guidance Values Derived by the NYSDOH as listed in Table 3.1 in NYSDOH's "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 and all available updates. The results indicated no detection of the listed compounds above the NYSDOH Air Guidance Values (Table 3.1).

Section No. 5.0: Decision Matrices

Decision matrices are risk management tools developed by the NYSDOH to provide guidance on a cases-by-case basis about actions that should be taken to address current and potential exposures related to soil vapor intrusion. The matrices are intended to be used when evaluating the results from buildings with full slab foundations. Due to the presence of polyethylene sheeting covering the crawl space sand, the structure was deemed to contain a full slab for the purpose of this investigation.

The NYSDOH has currently developed three (3) matrices to use as tools in making decisions when soil vapor may be entering buildings. JCB implemented the matrices, and the following table summarizes the results:

Table No. 2:
Volatile Chemicals Utilized in NYSDOH Decision Matrices

Compound	Soil Vapor/Indoor Air Decision Matrix	Result
1,1,1-Trichloroethane (TCA)	Matrix B	No Further Action
Carbon Tetrachloride	Matrix A	No Further Action
cis 1,2-Dichloroethene	Matrix A	No Further Action
1,1-Dichloroethene	Matrix A	No Further Action
Methylene Chloride	Matrix B	Identify Source(s) and Resample or Mitigate
Tetrachloroethene (PCE)	Matrix B	No Further Action
Trichloroethene (TCE)	Matrix A	No Further Action
Vinyl Chloride	Matrix C	No Further Action

Notes:
A total of eight (8) chemicals have been assigned to decision matrices by the NYSDOH, May 2017.

The results of the matrices indicate that "No Further Action" is required for seven (7) of the eight (8) volatile organic chemicals utilized in the NYSDOH Decision Matrices. However, the results of the matrices also recommend to "identify source(s) and resample or mitigate for methylene chloride in the 1st Floor Hallway.

The concentrations detected in the indoor air samples are likely due to the daily operations within the building or outdoor sources rather than soil vapor intrusion given the concentrations detected in the subsurface vapor samples. Methylene chloride is a solvent found in adhesives, paint and coating products, pharmaceuticals, metal cleaning, chemical processing, and aerosols. It should be noted that the detection of methylene chloride is well below the NYSDOH air guidance value of 60 µg/m^3.

Section No. 6.0: Quality Assurance and Quality Control (QA/QC) Procedures

- In order to prevent cross-contamination between sampling locations, all re-usable sampling equipment which came into contact with sample materials was decontaminated prior to each use. Equipment used for sample collection was wiped clean, washed in a solution of Alconox and thoroughly rinsed with potable water. New and dedicated polyethylene tubing was used for collection of each subsurface sample. All sampling personnel wore disposable latex, nylon, or nitrile gloves during sampling events. At a minimum, gloves were changed between locations and before each laboratory sample was collected.

The field sampling team maintained sampling log sheets summarizing the following:

- Sample identification;
- Canister ID Number;
- Regulator ID Number;
- Date and time of sample collection;
- Sampling height;
- Sampling methods and devices;
- The volume of air sampled;
- The vacuum of canisters before and after sample collection;
- Chain of custody protocols and records used to track samples from sampling point to analysis.

Subsequent to sample collection, the Summa® canister was labeled with the sampling location, time, and samplers initials.

Section No. 7.0: Findings

Based upon the review of the VVI laboratory analysis results all detectable concentrations observed were reported well below published occupational health guidelines. In addition, with the exception one (1) parameter in the 1st Floor Hallway, all remaining detectable concentrations observed within the occupied spaces of the school building were below their background values as reported in the EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMA canister method 90th Percentile found in NYSDOH's "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006. It is believed that the detection of Methylene Chloride in the 1st Floor Hallway sample is the result of the use of cleaners and strippers and is not representative of the overall indoor air quality. It should be noted that the detection of methylene chloride in the 1st floor hallway is well below the NYSDOH air guidance value of 60 $\mu g/m^3$.

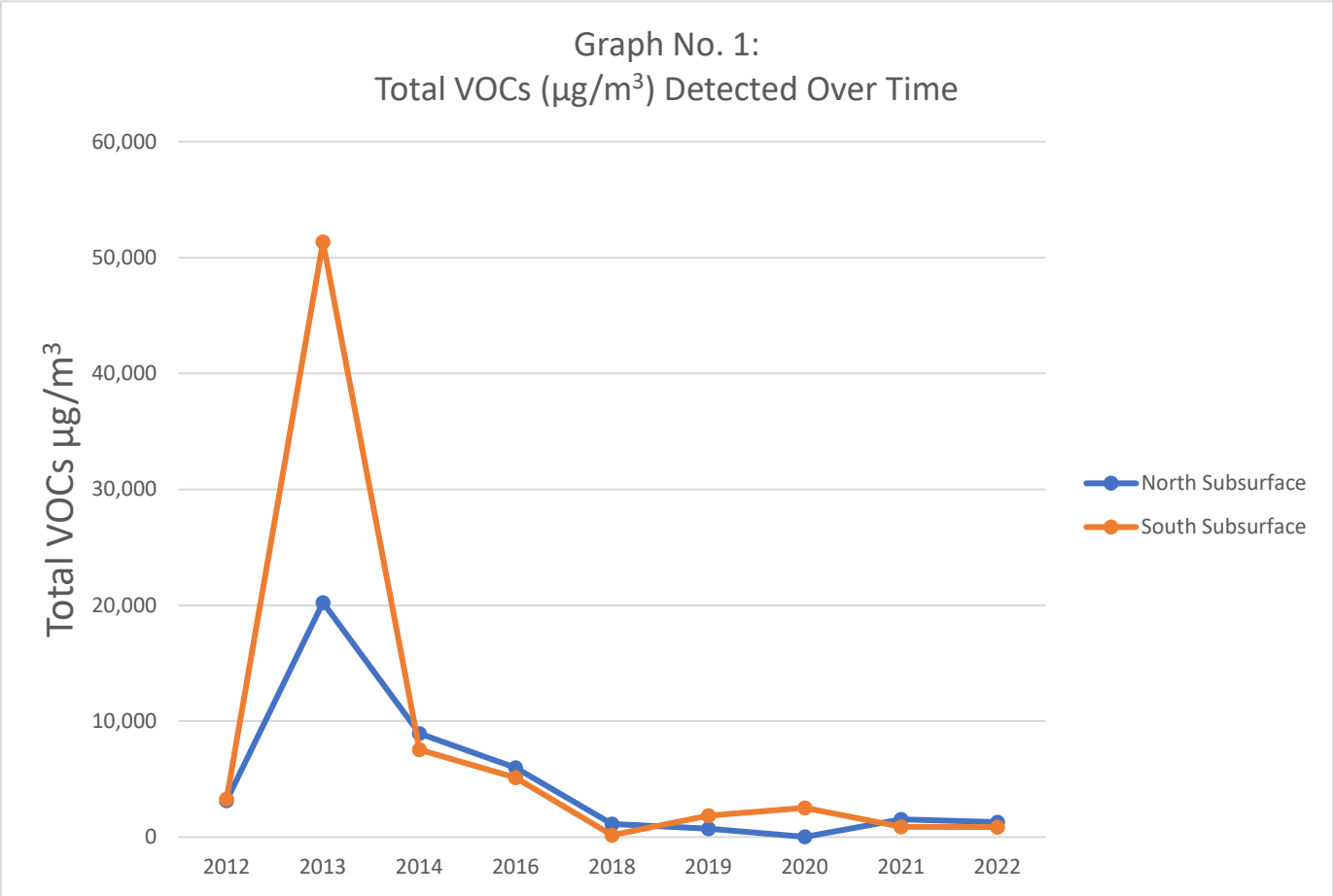
- Based upon these findings, no hazardous condition or immediate health concern was identified associated with VVI.

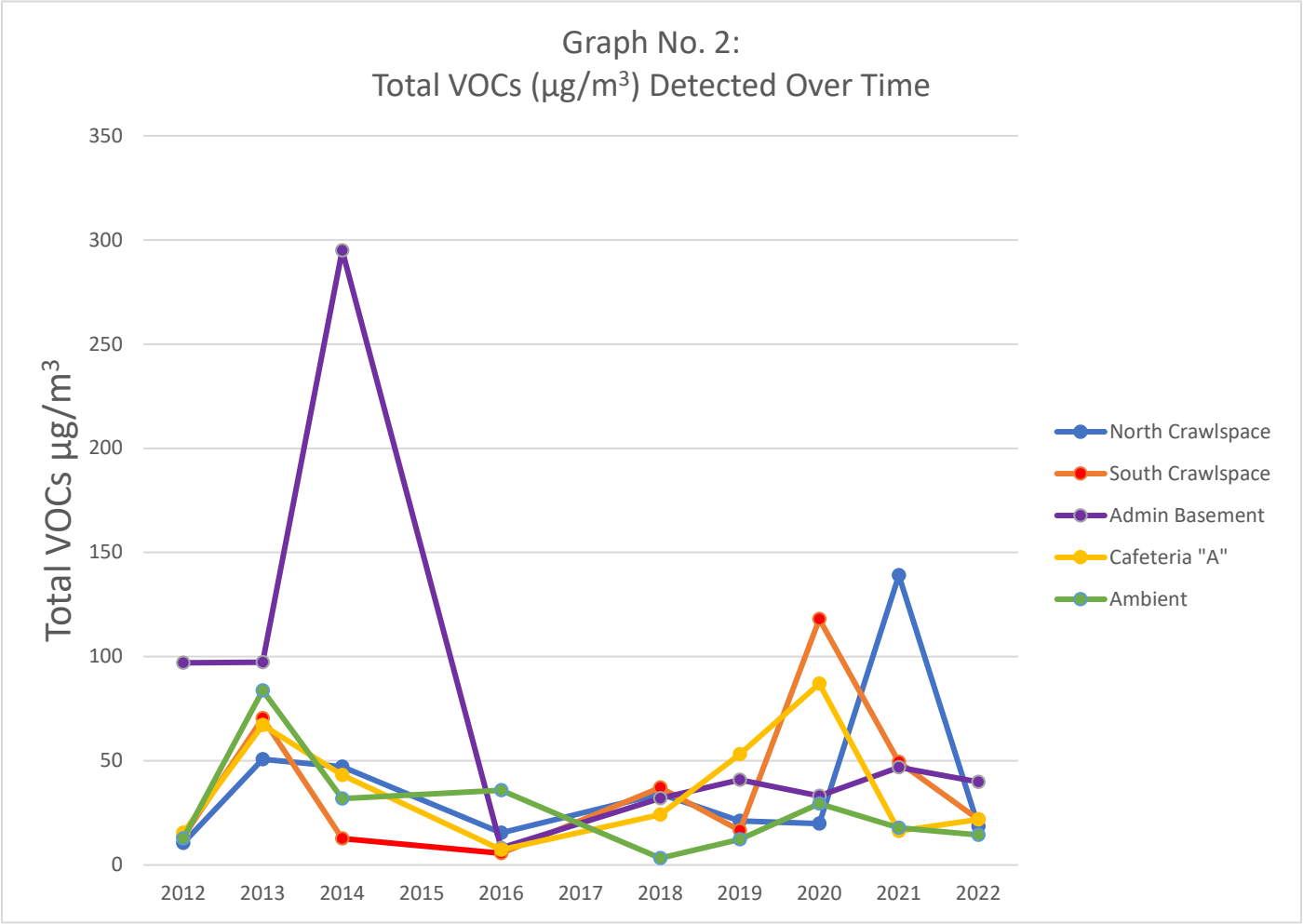
Section No. 7.1: Previous Analytical Results Trend Analysis

JCB has been performing the same volatile vapor intrusion sampling since 2012. The 2022 analytical results for total VOCs were compared to previous year's results and are presented in Table No. 3.

Table No. 3: Total VOCs (µg/m³) Detected Over Time									
Location	**Year**								
	2012	**2013**	**2014**	**2016**	**2018**	**2019**	**2020**	**2021**	**2022**
North Subsurface	3,153	20,243	8,944	5,991	1,144	718	23.3	1,529	1,287
North Crawl Space	10.5	50.8	47.1	15.5	34.1	21.2	19.9	139	18.6
First Floor Hallway	---	---	---	---	---	---	33.8	18.0	37.4
South Subsurface	3,269	51,353	7,558	5,121	169	1,860	2,538	895	877
South Crawl Space	13.6	70.4	12.7	5.60	37.1	16.6	118	49.5	21.8
Admin Basement	97.1	97.3	295	8.19	32.0	40.8	33.1	46.9	39.8
Cafeteria "A"	15.4	67.1	43.2	7.31	24.1	53.1	87.0	16.3	21.9
Ambient	12.7	83.8	31.9	35.9	3.28	12.2	29.5	17.8	14.4

In general, the concentration of total VOCs has decreased in the subsurface samples, below the plastic barrier since 2012 as indicated in Graph No. 1. The North Subsurface and South Subsurface did indicate a slight decrease over last year. In addition, the occupied interior spaces indicated no significant changes in the detected total VOC concentration since 2012 as indicated in Graph No. 2 below.





Section No. 8.0: Conclusions

A careful evaluation of the indoor air sampling results compared to the subsurface and ambient results did reveal the presence of a discernible pattern suggesting that the building could be impacted with VVI. It appears that the plastic barrier installed in the crawlspace of the building, although not its intended purpose has been relatively effectively in preventing the subsurface volatile vapors from migrating into the crawlspace and occupied portions of the school building.

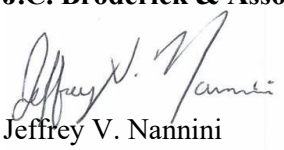
Section No. 9.0: Recommendations

It is recommended that periodic VVI sampling be performed to monitor site conditions. It is also recommended that periodic inspection of the plastic barrier be performed and that any rips or tears to the barrier be repaired.

Section No. 10.0: Certification

I certify that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the New York State Department of Health (NYSDOH) "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", Final Version, October 2006 and all updates, and that all activities were performed in full accordance with the work plan.

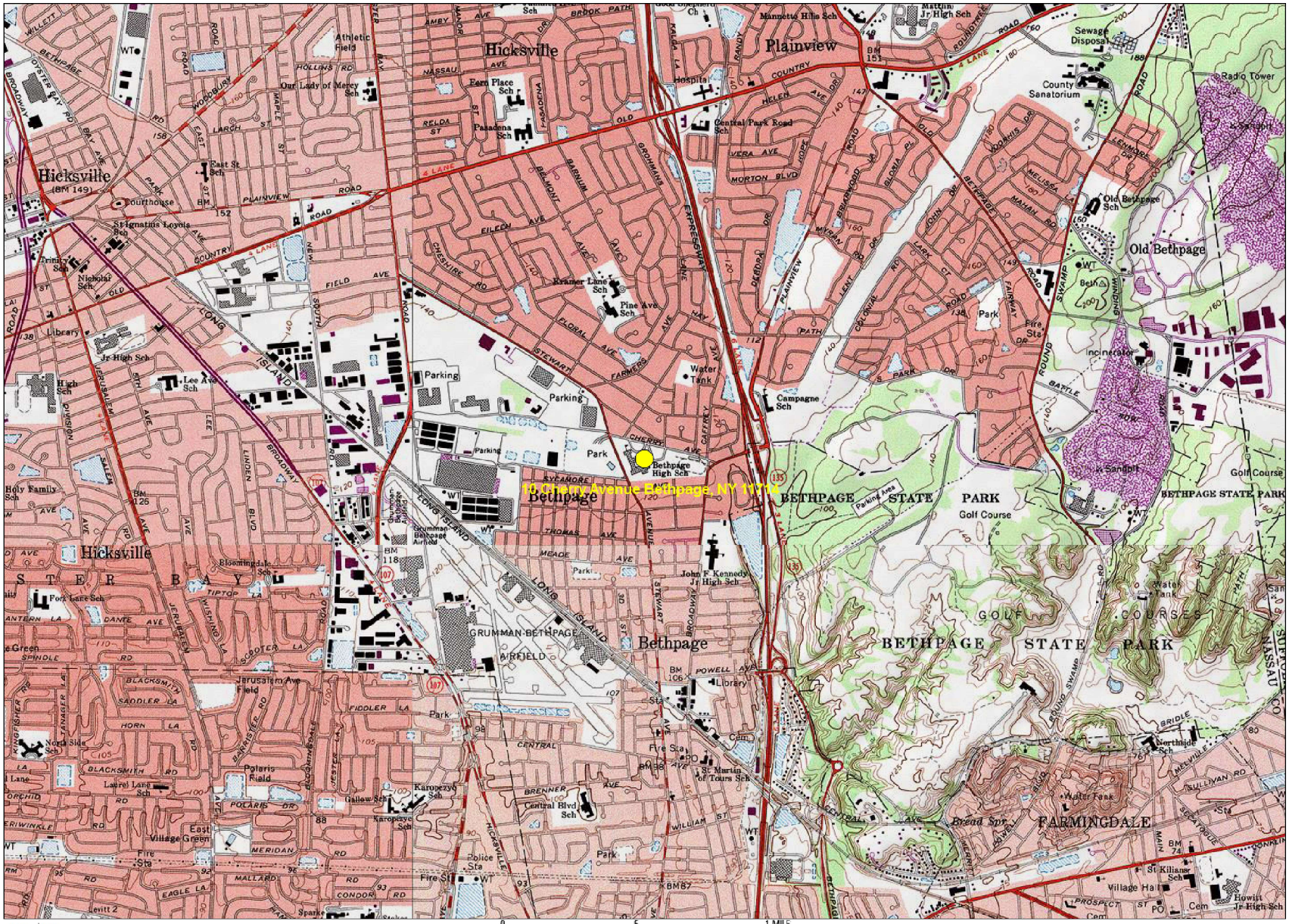
Sincerely,
J.C. Broderick & Associates, Inc.



Jeffrey V. Nannini
Environmental Scientist

Steven Muller, P.G.
Project Manager

Appendix A
Figures



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

JCB LEGEND

SUBJECT SITE

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Drawing Title

Figure No. 1

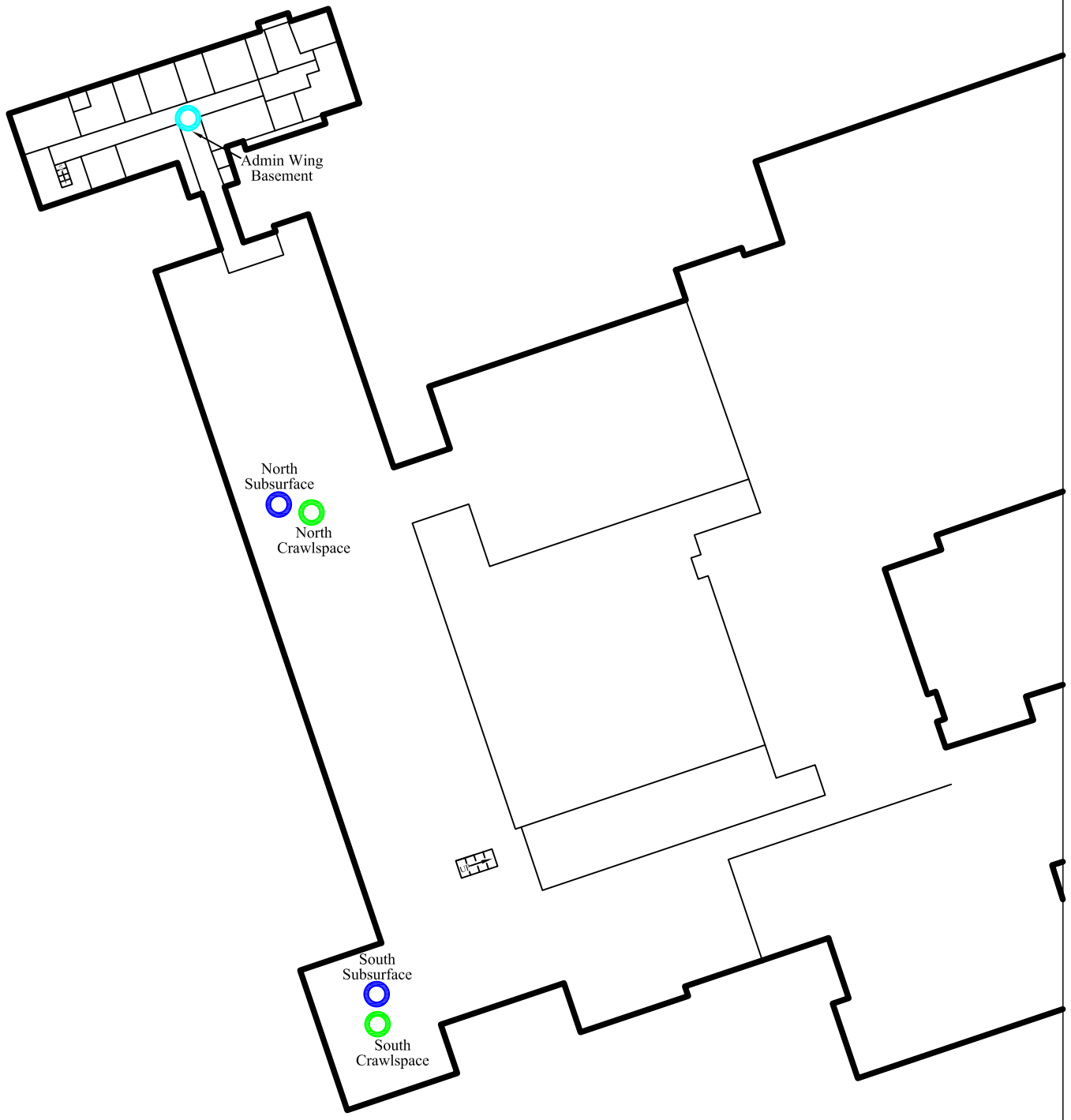
Site Location Map

Scale	Project No.	Date
As Noted	22-51656	04-18-22

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	1 of 3

Drawing No.

1



PROJECT NORTH

JCB LEGEND

- SUBSURFACE SAMPLING LOCATION
- CRAWLSPACE SAMPLING LOCATION
- BASEMENT SAMPLING LOCATION

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Drawing Title

Figure No. 2

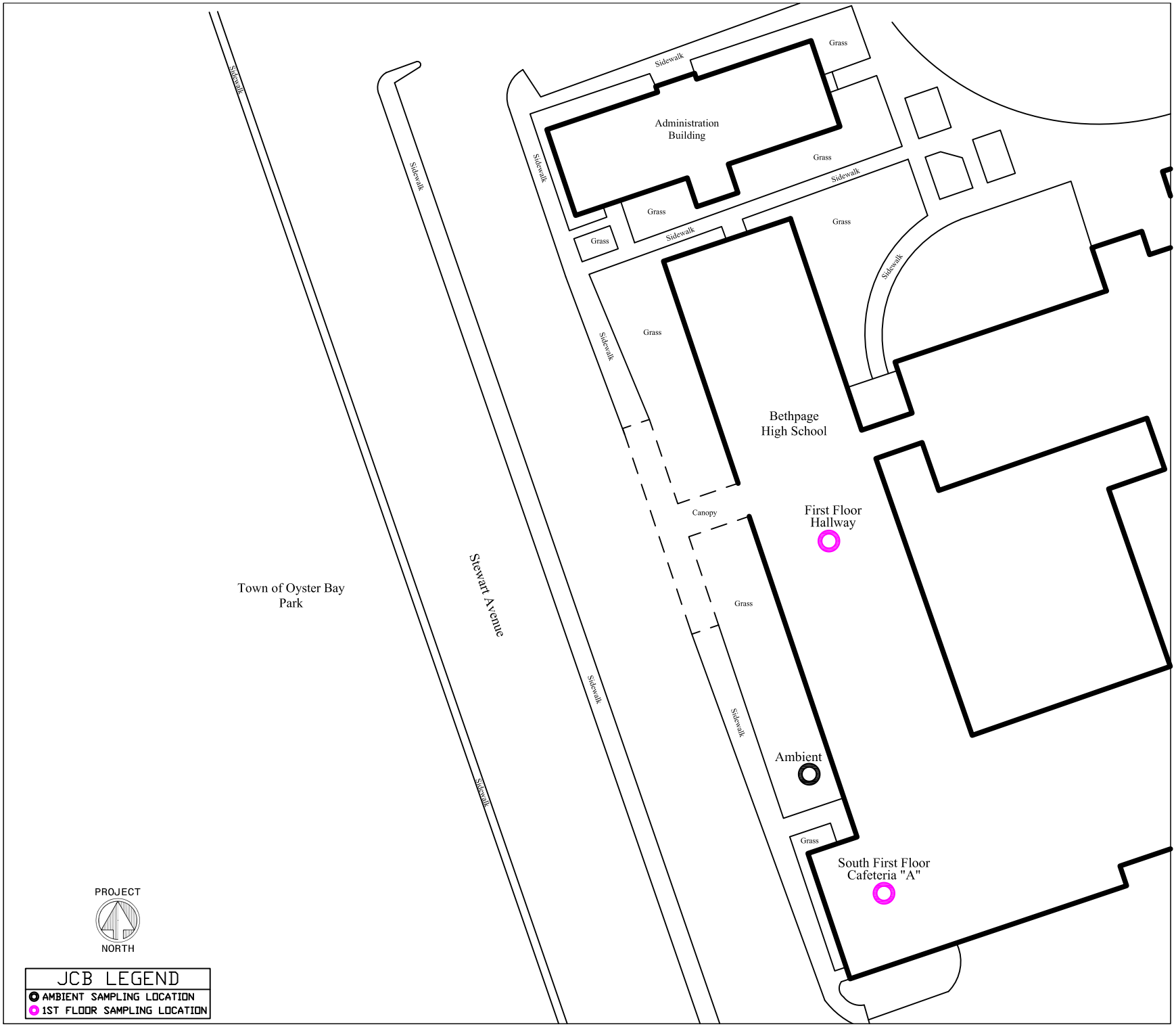
Subsurface, Crawlspace and Basement Sampling Locations

Scale	Project No.	Date
N.T.S.	22-51656	04-18-2022

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	2 of 3

Drawing No.

2



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Bethpage, NY 11714

Drawing Title

Figure No. 3

1st Floor and Ambient Sampling Locations

Scale	Project No.	Date
N.T.S.	22-51656	04-18-22

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	3 of 3

Drawing No.

3

Appendix B
Field Photograph Logs

Sampling Location
South Crawlspace and South Subsurface

Field Photograph Log

Volatile Vapor Intrusion Report

Bethpage High School
10 Cherry Avenue
Bethpage, New York 11714

Photo No. 01

JCB#: 22-51656

Sampling Location
North Crawlspace and North Subsurface

Field Photograph Log

Volatile Vapor Intrusion Report

Bethpage High School
10 Cherry Avenue
Bethpage, New York 11714

Photo No. 02

JCB#: 22-51656

Sampling Location
Administration Wing Basement

Field Photograph Log

Volatile Vapor Intrusion Report

Bethpage High School
10 Cherry Avenue
Bethpage, New York 11714

Photo No. 03

JCB#: 22-51656

Sampling Location
South First Floor Cafeteria "A"

Field Photograph Log

Volatile Vapor Intrusion Report

Bethpage High School
10 Cherry Avenue
Bethpage, New York 11714

Photo No. 04

JCB#: 22-51656

Sampling Location
First Floor Hallway

Field Photograph Log

Volatile Vapor Intrusion Report

Bethpage High School
10 Cherry Avenue
Bethpage, New York 11714

Photo No. 05

JCB#: 22-51656

Sampling Location
Ambient (Outdoor)

Field Photograph Log

Volatile Vapor Intrusion Report

Bethpage High School
10 Cherry Avenue
Bethpage, New York 11714

Photo No. 06

JCB#: 22-51656

Appendix C
Laboratory Analysis Report

Technical Report

prepared for:

J.C. Broderick
1775 North Express Drive
Hauppauge NY, 11788
Attention: Steven Muller

Report Date: 05/02/2022
Client Project ID: 22-51656 Bethpage H.S.
York Project (SDG) No.: 22D0911

Report Date: 05/02/2022
Client Project ID: 22-51656 Bethpage H.S.
York Project (SDG) No.: 22D0911

J.C. Broderick
1775 North Express Drive
Hauppauge NY, 11788
Attention: Steven Muller

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 April 20, 2022 and listed below. The project was identified as your project: **22-51656 Bethpage H.S.**.

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
22D0911-01	South Subsurface	Soil Vapor	04/18/2022	04/20/2022
22D0911-02	South Crawlspace	Indoor Ambient Air	04/18/2022	04/20/2022
22D0911-03	1st Floor Cafeteria "A"	Indoor Ambient Air	04/18/2022	04/20/2022
22D0911-04	North Subsurface	Soil Vapor	04/18/2022	04/20/2022
22D0911-05	North Crawlspace	Indoor Ambient Air	04/18/2022	04/20/2022
22D0911-06	1st Floor Hallway	Indoor Ambient Air	04/18/2022	04/20/2022
22D0911-07	Admin Wing Basement	Indoor Ambient Air	04/18/2022	04/20/2022
22D0911-08	Ambient	Outdoor Ambient Ai	04/18/2022	04/20/2022

General Notes for York Project (SDG) No.: 22D0911

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

Approved By: 

Date: 05/02/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: South Subsurface

York Sample ID: 22D0911-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 04:32	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
75-34-3	1,1-Dichloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.19	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
78-87-5	1,2-Dichloropropane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
106-99-0	1,3-Butadiene	ND		ppbv	2.3	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 04:32	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 04:32	AS

Sample Information

Client Sample ID: **South Subsurface** **York Sample ID:** **22D0911-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
123-91-1	1,4-Dioxane	ND		ppbv	1.5	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
78-93-3	**2-Butanone**	**140**		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
591-78-6	* 2-Hexanone	ND		ppbv	1.5	7.748	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 04:32	AS
107-05-1	3-Chloropropene	ND		ppbv	3.9	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
67-64-1	**Acetone**	**89**		ppbv	1.5	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
107-13-1	Acrylonitrile	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
71-43-2	**Benzene**	**0.85**		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
100-44-7	Benzyl chloride	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
75-27-4	Bromodichloromethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
75-25-2	Bromoform	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
74-83-9	Bromomethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
75-15-0	Carbon disulfide	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
56-23-5	Carbon tetrachloride	ND		ppbv	0.19	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
108-90-7	Chlorobenzene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
75-00-3	Chloroethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
67-66-3	Chloroform	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
74-87-3	Chloromethane	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS

Sample Information

Client Sample ID: South Subsurface

York Sample ID: 22D0911-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.19	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ppbv	1.5	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:			
100-41-4	Ethyl Benzene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**8.1**	B	ppbv	3.9	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ppbv	1.5	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.9**		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ppbv	1.5	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:			
115-07-1	* Propylene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:			
100-42-5	Styrene	ND		ppbv	0.77	7.748	EPA TO-15	04/29/2022 23:34	04/30/2022 04:32	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: South Subsurface **York Sample ID:** 22D0911-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
109-99-9	* Tetrahydrofuran	ND		ppbv	1.5	7.748	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 04:32	AS
108-88-3	**Toluene**	**61**		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
79-01-6	Trichloroethylene	ND		ppbv	0.19	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
108-05-4	Vinyl acetate	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
593-60-2	Vinyl bromide	ND		ppbv	0.77	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS
75-01-4	Vinyl Chloride	ND		ppbv	0.39	7.748	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 04:32	AS

Helium **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	* Helium	ND		%	0.50	1	GC/TCD Certifications:	05/02/2022 10:49	05/02/2022 17:59	TMP

Sample Information

Client Sample ID: South Crawlspace **York Sample ID:** 22D0911-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

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

Sample Information

Client Sample ID: **South Crawlspace** **York Sample ID:** **22D0911-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

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		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
75-34-3	1,1-Dichloroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.032	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
120-82-1	**1,2,4-Trichlorobenzene**	**0.18**		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
78-87-5	1,2-Dichloropropane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
106-99-0	1,3-Butadiene	ND		ppbv	0.38	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS

Sample Information

Client Sample ID: South Crawlspace **York Sample ID:** 22D0911-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ppbv	0.25	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
78-93-3	**2-Butanone**	**0.37**		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
591-78-6	* 2-Hexanone	ND		ppbv	0.25	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
107-05-1	3-Chloropropene	ND		ppbv	0.63	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
67-64-1	**Acetone**	**2.7**		ppbv	0.25	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
107-13-1	Acrylonitrile	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
71-43-2	**Benzene**	**0.16**		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
100-44-7	Benzyl chloride	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
75-27-4	Bromodichloromethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
75-25-2	Bromoform	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
74-83-9	Bromomethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
75-15-0	Carbon disulfide	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
56-23-5	**Carbon tetrachloride**	**0.076**		ppbv	0.032	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
108-90-7	Chlorobenzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
75-00-3	Chloroethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
67-66-3	Chloroform	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
74-87-3	**Chloromethane**	**0.55**		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.032	1.261	EPA TO-15 Certifications:	04/29/2022 23:34 NELAC-NY12058,NJDEP-Queens	04/30/2022 05:41	AS

Sample Information

Client Sample ID: South Crawlspace **York Sample ID:** 22D0911-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
110-82-7	Cyclohexane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
124-48-1	Dibromochloromethane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
75-71-8	**Dichlorodifluoromethane**	**0.54**		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
141-78-6	* Ethyl acetate	ND		ppbv	0.25	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
100-41-4	Ethyl Benzene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
87-68-3	Hexachlorobutadiene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
67-63-0	**Isopropanol**	**1.8**	B	ppbv	0.63	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
80-62-6	Methyl Methacrylate	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
75-09-2	**Methylene chloride**	**0.30**		ppbv	0.25	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
142-82-5	n-Heptane	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
110-54-3	**n-Hexane**	**0.13**		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
95-47-6	o-Xylene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
179601-23-1	p- & m- Xylenes	ND		ppbv	0.25	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
622-96-8	* p-Ethyltoluene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
115-07-1	* Propylene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
100-42-5	Styrene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
127-18-4	Tetrachloroethylene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS

Sample Information

Client Sample ID: South Crawlspace **York Sample ID:** 22D0911-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ppbv	0.25	1.261	EPA TO-15 Certifications:	04/29/2022 23:34	04/30/2022 05:41	AS
108-88-3	**Toluene**	**0.30**		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
79-01-6	Trichloroethylene	ND		ppbv	0.032	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.32**		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
108-05-4	Vinyl acetate	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
593-60-2	Vinyl bromide	ND		ppbv	0.13	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS
75-01-4	Vinyl Chloride	ND		ppbv	0.063	1.261	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 23:34	04/30/2022 05:41	AS

Sample Information

Client Sample ID: 1st Floor Cafeteria "A" **York Sample ID:** 22D0911-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.083	0.833	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 06:44	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.083**		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS

Sample Information

Client Sample ID: 1st Floor Cafeteria "A" **York Sample ID:** 22D0911-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.021	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ppbv	0.25	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ppbv	0.17	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.25**		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ppbv	0.17	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ppbv	0.42	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 1st Floor Cafeteria "A" **York Sample ID:** 22D0911-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**2.4**		ppbv	0.17	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.14**		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.075**		ppbv	0.021	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.51**		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.021	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**0.52**		ppbv	0.083	0.833	EPA TO-15	04/30/2022 05:45	04/30/2022 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 1st Floor Cafeteria "A" **York Sample ID:** 22D0911-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ppbv	0.17	0.833	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 06:44	AS
100-41-4	Ethyl Benzene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
87-68-3	Hexachlorobutadiene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
67-63-0	**Isopropanol**	**2.8**	B	ppbv	0.42	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
80-62-6	Methyl Methacrylate	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
75-09-2	**Methylene chloride**	**1.3**		ppbv	0.17	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
142-82-5	**n-Heptane**	**0.092**		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
110-54-3	**n-Hexane**	**0.17**		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
95-47-6	o-Xylene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
179601-23-1	p- & m- Xylenes	ND		ppbv	0.17	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
622-96-8	* p-Ethyltoluene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 06:44	AS
115-07-1	* Propylene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 06:44	AS
100-42-5	Styrene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
127-18-4	Tetrachloroethylene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
109-99-9	* Tetrahydrofuran	ND		ppbv	0.17	0.833	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 06:44	AS
108-88-3	**Toluene**	**0.47**		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS

Sample Information

Client Sample ID: **1st Floor Cafeteria "A"** **York Sample ID:** **22D0911-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ppbv	0.021	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.37**		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
108-05-4	Vinyl acetate	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
593-60-2	Vinyl bromide	ND		ppbv	0.083	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS
75-01-4	Vinyl Chloride	ND		ppbv	0.042	0.833	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 06:44	AS

Sample Information

Client Sample ID: **North Subsurface** **York Sample ID:** **22D0911-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 07:33	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
75-34-3	1,1-Dichloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.24	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS

Sample Information

Client Sample ID: **North Subsurface** **York Sample ID:** **22D0911-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
78-87-5	1,2-Dichloropropane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
106-99-0	1,3-Butadiene	ND		ppbv	2.8	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 07:33	AS
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
123-91-1	1,4-Dioxane	ND		ppbv	1.9	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
78-93-3	**2-Butanone**	**190**		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
591-78-6	* 2-Hexanone	ND		ppbv	1.9	9.436	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 07:33	AS
107-05-1	3-Chloropropene	ND		ppbv	4.7	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
67-64-1	**Acetone**	**140**		ppbv	1.9	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
107-13-1	Acrylonitrile	ND		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS
71-43-2	**Benzene**	**1.1**		ppbv	0.94	9.436	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 07:33	AS

Sample Information

Client Sample ID: North Subsurface

York Sample ID: 22D0911-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
75-27-4	Bromodichloromethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
75-25-2	Bromoform	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
74-83-9	Bromomethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
75-15-0	Carbon disulfide	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
56-23-5	Carbon tetrachloride	ND		ppbv	0.24	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
108-90-7	Chlorobenzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
75-00-3	Chloroethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
67-66-3	Chloroform	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
74-87-3	Chloromethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.24	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
110-82-7	Cyclohexane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
124-48-1	Dibromochloromethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
75-71-8	Dichlorodifluoromethane	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
141-78-6	* Ethyl acetate	ND		ppbv	1.9	9.436	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 07:33	AS
100-41-4	Ethyl Benzene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
87-68-3	Hexachlorobutadiene	ND		ppbv	0.94	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS
67-63-0	**Isopropanol**	**9.7**	B	ppbv	4.7	9.436	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 07:33	AS

Sample Information

Client Sample ID: North Subsurface

York Sample ID: 22D0911-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ppbv	1.9	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**2.4**		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ppbv	1.9	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:			
115-07-1	* Propylene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:			
100-42-5	Styrene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ppbv	1.9	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:			
108-88-3	**Toluene**	**100**		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ppbv	0.24	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ppbv	0.94	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: North Subsurface **York Sample ID:** 22D0911-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Soil Vapor	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ppbv	0.47	9.436	EPA TO-15	04/30/2022 05:45	04/30/2022 07:33	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Helium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	* Helium	ND		%	0.50	1	GC/TCD	05/02/2022 10:49	05/02/2022 17:59	TMP
							Certifications:			

Sample Information

Client Sample ID: North Crawlspace **York Sample ID:** 22D0911-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.033	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.13	1.314	EPA TO-15	04/30/2022 05:45	04/30/2022 08:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: North Crawlspace **York Sample ID:** 22D0911-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
78-87-5	1,2-Dichloropropane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
106-99-0	1,3-Butadiene	ND		ppbv	0.39	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 08:40	AS
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
123-91-1	1,4-Dioxane	ND		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
78-93-3	**2-Butanone**	**0.21**		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
591-78-6	* 2-Hexanone	ND		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 08:40	AS
107-05-1	3-Chloropropene	ND		ppbv	0.66	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
67-64-1	**Acetone**	**3.5**		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
107-13-1	Acrylonitrile	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
71-43-2	**Benzene**	**0.14**		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS

Sample Information

Client Sample ID: North Crawlspace **York Sample ID:** 22D0911-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-27-4	Bromodichloromethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-25-2	Bromoform	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
74-83-9	Bromomethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-15-0	Carbon disulfide	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
56-23-5	**Carbon tetrachloride**	**0.066**		ppbv	0.033	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
108-90-7	Chlorobenzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-00-3	Chloroethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
67-66-3	Chloroform	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
74-87-3	**Chloromethane**	**0.60**		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.033	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
110-82-7	Cyclohexane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
124-48-1	Dibromochloromethane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-71-8	**Dichlorodifluoromethane**	**0.51**		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
141-78-6	* Ethyl acetate	ND		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 08:40	AS
100-41-4	Ethyl Benzene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
87-68-3	Hexachlorobutadiene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
67-63-0	**Isopropanol**	**1.5**	B	ppbv	0.66	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS

Sample Information

Client Sample ID: North Crawlspace **York Sample ID:** 22D0911-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-09-2	Methylene chloride	ND		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
142-82-5	n-Heptane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
110-54-3	n-Hexane	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
95-47-6	o-Xylene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
179601-23-1	p- & m- Xylenes	ND		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
622-96-8	* p-Ethyltoluene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 08:40	AS
115-07-1	* Propylene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 08:40	AS
100-42-5	Styrene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
127-18-4	Tetrachloroethylene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
109-99-9	* Tetrahydrofuran	ND		ppbv	0.26	1.314	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 08:40	AS
108-88-3	**Toluene**	**0.26**		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
79-01-6	Trichloroethylene	ND		ppbv	0.033	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.26**		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
108-05-4	Vinyl acetate	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS
593-60-2	Vinyl bromide	ND		ppbv	0.13	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS

Sample Information

Client Sample ID: North Crawlspace **York Sample ID:** 22D0911-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ppbv	0.066	1.314	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 08:40	AS

Sample Information

Client Sample ID: 1st Floor Hallway **York Sample ID:** 22D0911-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
75-34-3	1,1-Dichloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.027	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS

Sample Information

Client Sample ID: 1st Floor Hallway **York Sample ID:** 22D0911-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
106-99-0	1,3-Butadiene	ND		ppbv	0.32	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
123-91-1	1,4-Dioxane	ND		ppbv	0.21	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
78-93-3	**2-Butanone**	**0.33**		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
591-78-6	* 2-Hexanone	ND		ppbv	0.21	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
107-05-1	3-Chloropropene	ND		ppbv	0.53	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
67-64-1	**Acetone**	**4.0**		ppbv	0.21	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
107-13-1	Acrylonitrile	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
71-43-2	**Benzene**	**0.15**		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
100-44-7	Benzyl chloride	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
75-27-4	Bromodichloromethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
75-25-2	Bromoform	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
74-83-9	Bromomethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS

Sample Information

Client Sample ID: 1st Floor Hallway

York Sample ID: 22D0911-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
56-23-5	**Carbon tetrachloride**	**0.085**		ppbv	0.027	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
108-90-7	Chlorobenzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
75-00-3	Chloroethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
67-66-3	Chloroform	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
74-87-3	**Chloromethane**	**0.51**		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.027	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
110-82-7	Cyclohexane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
124-48-1	Dibromochloromethane	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
75-71-8	**Dichlorodifluoromethane**	**0.56**		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
141-78-6	* Ethyl acetate	ND		ppbv	0.21	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
100-41-4	Ethyl Benzene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
87-68-3	Hexachlorobutadiene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
67-63-0	**Isopropanol**	**9.1**	B	ppbv	0.53	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
80-62-6	**Methyl Methacrylate**	**0.16**		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
75-09-2	**Methylene chloride**	**3.4**		ppbv	0.21	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
142-82-5	**n-Heptane**	**0.13**		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS
110-54-3	**n-Hexane**	**0.38**		ppbv	0.11	1.062	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 09:38	AS

Sample Information

Client Sample ID: 1st Floor Hallway **York Sample ID:** 22D0911-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
179601-23-1	p- & m- Xylenes	ND		ppbv	0.21	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
622-96-8	* p-Ethyltoluene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
115-07-1	* Propylene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
100-42-5	Styrene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
127-18-4	Tetrachloroethylene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
109-99-9	* Tetrahydrofuran	ND		ppbv	0.21	1.062	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 09:38	AS
108-88-3	**Toluene**	**0.66**		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
79-01-6	Trichloroethylene	ND		ppbv	0.027	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.42**		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
108-05-4	Vinyl acetate	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
593-60-2	Vinyl bromide	ND		ppbv	0.11	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS
75-01-4	Vinyl Chloride	ND		ppbv	0.053	1.062	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 09:38	AS

Sample Information

Client Sample ID: Admin Wing Basement **York Sample ID:** 22D0911-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

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

Sample Information

Client Sample ID: **Admin Wing Basement** **York Sample ID:** **22D0911-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

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		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 13:01	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
75-34-3	1,1-Dichloroethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.022	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
78-87-5	1,2-Dichloropropane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
106-99-0	1,3-Butadiene	ND		ppbv	0.27	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 13:01	AS
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS
123-91-1	1,4-Dioxane	ND		ppbv	0.18	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:45	04/30/2022 13:01	AS

Sample Information

Client Sample ID: **Admin Wing Basement** **York Sample ID:** **22D0911-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**0.36**		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ppbv	0.18	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ppbv	0.44	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**3.9**		ppbv	0.18	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.12**		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.062**		ppbv	0.022	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**0.18**		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.56**		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.022	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.089	0.89	EPA TO-15	04/30/2022 05:45	04/30/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Admin Wing Basement** **York Sample ID:** **22D0911-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
124-48-1	Dibromochloromethane	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
75-71-8	**Dichlorodifluoromethane**	**0.53**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
141-78-6	* Ethyl acetate	ND		ppbv	0.18	0.89	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 13:01	AS
100-41-4	**Ethyl Benzene**	**0.37**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
87-68-3	Hexachlorobutadiene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
67-63-0	**Isopropanol**	**4.4**	B	ppbv	0.44	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
80-62-6	**Methyl Methacrylate**	**0.18**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
75-09-2	**Methylene chloride**	**2.7**		ppbv	0.18	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
142-82-5	**n-Heptane**	**0.17**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
110-54-3	**n-Hexane**	**0.22**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
95-47-6	o-Xylene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
179601-23-1	p- & m- Xylenes	ND		ppbv	0.18	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
622-96-8	* p-Ethyltoluene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 13:01	AS
115-07-1	* Propylene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 13:01	AS
100-42-5	**Styrene**	**0.36**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
127-18-4	**Tetrachloroethylene**	**0.14**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
109-99-9	* Tetrahydrofuran	ND		ppbv	0.18	0.89	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 13:01	AS
108-88-3	**Toluene**	**0.99**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS

Sample Information

Client Sample ID: **Admin Wing Basement** **York Sample ID:** **22D0911-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Indoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
79-01-6	Trichloroethylene	ND		ppbv	0.022	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.51**		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
108-05-4	Vinyl acetate	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
593-60-2	Vinyl bromide	ND		ppbv	0.089	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS
75-01-4	Vinyl Chloride	ND		ppbv	0.044	0.89	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 13:01	AS

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **22D0911-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Outdoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-34-3	1,1-Dichloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **22D0911-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Outdoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.026	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
106-93-4	1,2-Dibromoethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
107-06-2	1,2-Dichloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
78-87-5	1,2-Dichloropropane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
106-99-0	1,3-Butadiene	ND		ppbv	0.32	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
123-91-1	1,4-Dioxane	ND		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
78-93-3	**2-Butanone**	**0.17**		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
591-78-6	* 2-Hexanone	ND		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
107-05-1	3-Chloropropene	ND		ppbv	0.53	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
67-64-1	**Acetone**	**1.3**		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **22D0911-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Outdoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
71-43-2	Benzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
100-44-7	Benzyl chloride	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-27-4	Bromodichloromethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-25-2	Bromoform	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
74-83-9	Bromomethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-15-0	Carbon disulfide	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
56-23-5	**Carbon tetrachloride**	**0.063**		ppbv	0.026	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
108-90-7	Chlorobenzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-00-3	Chloroethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
67-66-3	Chloroform	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
74-87-3	**Chloromethane**	**0.61**		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.026	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
110-82-7	Cyclohexane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
124-48-1	Dibromochloromethane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-71-8	**Dichlorodifluoromethane**	**0.53**		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
141-78-6	* Ethyl acetate	ND		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
100-41-4	Ethyl Benzene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **22D0911-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Outdoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
67-63-0	**Isopropanol**	**0.79**	B	ppbv	0.53	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
80-62-6	Methyl Methacrylate	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-09-2	**Methylene chloride**	**1.2**		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
142-82-5	n-Heptane	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
110-54-3	**n-Hexane**	**0.12**		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
95-47-6	o-Xylene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
179601-23-1	p- & m- Xylenes	ND		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
622-96-8	* p-Ethyltoluene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
115-07-1	* Propylene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
100-42-5	Styrene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
127-18-4	Tetrachloroethylene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
109-99-9	* Tetrahydrofuran	ND		ppbv	0.21	1.054	EPA TO-15 Certifications:	04/30/2022 05:45	04/30/2022 14:10	AS
108-88-3	Toluene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
79-01-6	Trichloroethylene	ND		ppbv	0.026	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.28**		ppbv	0.11	1.054	EPA TO-15 Certifications:	04/30/2022 05:45 NELAC-NY12058,NJDEP-Queens	04/30/2022 14:10	AS

Sample Information

Client Sample ID: **Ambient** **York Sample ID:** **22D0911-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0911	22-51656 Bethpage H.S.	Outdoor Ambient Air	April 18, 2022 3:00 pm	04/20/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ppbv	0.11	1.054	EPA TO-15	04/30/2022 05:45	04/30/2022 14:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ppbv	0.11	1.054	EPA TO-15	04/30/2022 05:45	04/30/2022 14:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ppbv	0.053	1.054	EPA TO-15	04/30/2022 05:45	04/30/2022 14:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample and Data Qualifiers Relating to This Work Order

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI 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.

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www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 22DC911

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.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: JCB Environmental Associates, Inc	Company: JCB	Company: JCB	22.0[illegible]1056	RUSH - Next Day
Address: 1775 Expressway N, Hauppauge NY 11788	Address:	Address:	YOUR Project Name: Bethpage H.S.	RUSH - Two Day
Phone.: 631-584-5492	Phone.:	Phone.:		RUSH - Three Day
Contact: Steven Muller	Contact:	Contact:		RUSH - Four Day
E-mail: SMuller@JCBenvironmental.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

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 X 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
South Subsurface	4/18/22	AS	30+	10	2838	13564	TO-15 + He
South Crawlspace	4/18/22	AI	30	4	34502	5625	TO-15
1st Floor Cafeteria "A"	4/18/22	AI	30	2	41934	7086	TO-15
North Subsurface	4/18/22	AS	30	10	41848	7289	TO-15 + He
North Crawlspace	4/18/22	AI	30	9	16144	4-16	TO-15
1st Floor Hallway	4/18/22	AI	29	7	37011	4-34	TO15
Admin Wing Basement	4/18/22	AI	30	8	23156	5778	TO-15
Ambient	4/18/22	AO	30	11	36611	4-25	TO-15

Comments: Bethpage H.S. 10 Cherry Ave Bethpage, NY

Detection Limits Required: ≤ 1 ug/m³ X NYSDEC V1 Limits ___ 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
Jeffrey Nemec / JCB	4/19/22	K Barbyrade	4/19/22 1250	K Barbyrade	4/19/22 1648
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	4/19/22 1648		4/20/22 1210	Ivan B	4/20/22 1210
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Adam Wing Cerna	04/21/22 10:45