

6 February 2017

Town of Orangetown
Joseph Moran - Town Engineer
26 West Orangeburg Road
Orangeburg, New York 10962

**Re: Air Quality Assessment
Orangeburg, New York
Langan Project No. 100630201**

Dear Mr. Moran:

As requested, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan), has completed an air quality assessment for select areas within the Town of Orangetown, New York.

The Town of Orangetown retained Langan to complete air testing in several locations on the east side of town. The purpose of this investigation was to evaluate air quality by completing a targeted air sampling investigation and comparing the analytical results against accepted industry standards and guidance criteria. The following sections include our findings generated during the air quality assessment.

Langan's Air Quality Assessment

Summary of Visual Assessment

A Langan environmental professional was escorted by representatives of the Town of Orangeburg Engineering Department to visually assess various areas of concern within the Town on 19 December 2016. During the site walk, the following locations were identified by the Town of Orangeburg Engineering Department:

- Glenshaw Road (Eastern Spur)
- Moison Road (Southern End)
- Cottage Lane School (Playground)
- Town of Orangeburg Rail Trail (Northern Area)
- Town of Orangeburg Rail Trail (Southern Area)
- Town of Orangeburg High School

There were no unusual odors encountered in any of the six locations sampled during the course of Langan's assessment.

Air Quality Measurements – Particulate Matter

Air monitoring was completed between 19 and 20 January 2017 at four locations to assess existing conditions. The particulate monitoring locations were selected by the Town of Orangetown engineering department.

The particulate matter data was collected with TSI Dustrack 2 Environmental Monitors that were setup on tripods to an approximate height of 4 feet above ground surface. The Dustracks were placed within environmental enclosure boxes to protect them from the elements and an omnidirectional sampling port was attached to each box.

Temperatures ranged from 45 degrees to 55 degrees and no rain or snow occurred during the sampling event. Air quality data recorded for this assessment included measurements for inhalable particulate concentrations (i.e. particulate matter less than 10 microns in diameter (PM10)). The measurements were compared against applicable standards and/or guidelines that have been promulgated by respected industry organizations (specifically the United States Environmental Protection Agency (USEPA) National Ambient Air Quality Standards (NAAQS)).

The following is a summary of the PM-10 measurements which were collected during this investigation:

Location	PM-10 Maximum Concentration	PM-10 Time Weighted Average	USEPA NAAQS Standard (24 hour averaging time)
Glenshaw Road	15 ug/m ³	3 ug/m ³	150 ug/m ³
Moison Road	21 ug/m ³	9 ug/m ³	
Cottage Lane School	70 ug/m ³	9 ug/m ³	
Orangeburg High School	26 ug/m ³	8 ug/m ³	

All of the PM-10 measurements were within or below the guidelines/standards that they were compared against. As such, no additional action is required to address these parameters.

Analytical Results of VOC Samples

As part of the January 2017 assessment, Langan also completed air sampling in six locations to determine the presence/absence of various chemicals commonly analyzed for in environmental assessments. The locations were selected by the Town of Orangetown engineering department.

The air samples were collected in 6 liter, stainless steel canisters with the intakes of the canisters placed in the breathing zone (i.e., three to five feet above the ground). The canisters were prepared in accordance with analytical procedures associated with United States Environmental Protection Agency ("USEPA") Method TO-15. The SUMMA[®] canisters were submitted to a certified laboratory and were analyzed for the full VOC priority contaminant list using USEPA Method TO-15.

None of the chemicals were detected at concentrations above regulatory criteria (Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) and National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs)). A summary of the data and regulatory criteria is provided as Table 1.

The complete laboratory report is provided as Attachment A. The table below summarizes the sample locations and lists the chemicals identified in each location which was sampled:

Table 2 – VOC Sampling Locations and Results

Location	Total VOC Concentration (ppm)	Chemicals Identified
Glenshaw Road	16.59	<i>Methyl Ethyl Ketone, Acetone, Benzene, Carbon Tetrachloride, Chloromethane, Dichlorodifluoromethane, Isopropyl Alcohol, Methylene Chloride, Tetrachloroethylene, Toluene, Trichlorofluoromethane</i>
Moison Road	16.67	<i>Methyl Ethyl Ketone, Acetone, Benzene, Carbon Disulfide, Carbon Tetrachloride, Chloromethane, Dichlorodifluoromethane, Ethyl Acetate, Methylene Chloride, Tetrachloroethylene, Toluene, Trichlorofluoromethane</i>
Cottage Lane School	13.12	<i>Methyl Ethyl Ketone, Acetone, Benzene, Carbon Tetrachloride, Chloromethane, Dichlorodifluoromethane, Methylene Chloride, Vinyl Chloride, Trichlorofluoromethane</i>
Rail Trail North	61.1	<i>Methyl Ethyl Ketone, Acetone, Benzene, Carbon Tetrachloride, Chloromethane, Dichlorodifluoromethane, Ethyl Acetate, Ethylbenzene, Heptane, Hexane, Xylene, Methylene Chloride, Tetrachloroethylene, Toluene, Trichloroethylene, Trichlorofluoromethane</i>
Rail Trail South	20.43	<i>Methyl Ethyl Ketone, Acetone, Benzene, Carbon Tetrachloride, Chloromethane, Dichlorodifluoromethane, Isopropyl Alcohol, Methylene Chloride, Tetrachloroethylene, Toluene, Trichloroethylene, Trichlorofluoromethane</i>
Orangeburg High School	20.55	<i>Methyl Ethyl Ketone, Acetone, Benzene, Carbon Disulfide, Carbon Tetrachloride, Chloromethane, Dichlorodifluoromethane, Ethyl Acetate, Isopropyl Alcohol, Methylene Chloride, Tetrachloroethylene, Toluene, Trichloroethylene, Trichlorofluoromethane</i>

Findings

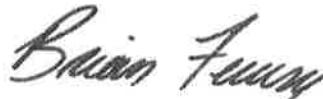
Langan's visual assessment, air quality measurements and air sample results did not identify air quality issues on the days outlined in this report. However, please note that the data only covers environmental conditions over a specific period of time. The data collected during this investigation should not be used to determine air quality during past or future conditions.

CLOSURE

We trust that the information provided in this report adequately addresses our scope of work.

Very Truly Yours,

**Langan Engineering, Environmental, Surveying
and Landscape Architecture, D.P.C.**



Brian Feury, CIH
Senior Project Manager



Richard Burrow, PE.
Senior Principal

Attachment: Laboratory Results

NJ Certificate of Authorization No: 24GA27996400

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Table 1
Air Sampling Results

Table 1
Ambient Air Volatile Organic Compound Sampling Results
Town of Orangetown
Orangetown, New York

Sample ID	NIOSH Guide to Chemical Hazards		Glenshaw Rd	Moison Road	Cottage School	RailTrail North	RailTrail South	High School
Sample Type	OSHA	NIOSH	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air
Lab ID			17A0783-01	17A0783-02	17A0783-03	17A0783-04	17A0783-05	17A0783-06
Sample Date			1/20/2017	1/20/2017	1/20/2017	1/20/2017	1/20/2017	1/20/2017
Units	Permissible Exposure Limits	Recommended Exposure Limits	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Compounds	ug/m3	ug/m3	Results	Results	Results	Results	Results	Results
1,1,1-Trichloroethane	1,900,000	1,900,000	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	35,000	7,000	ND	ND	ND	ND	ND	ND
Freon 113	7,600,000	7,600,000	ND	ND	ND	0.92	ND	ND
1,1,2-Trichloroethane	45,000	45,000	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	400,000	400,000	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	NS	2,620	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	40,000	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	120,000	120,000	ND	ND	ND	1.4	ND	ND
1,2-Dibromoethane	153,800	346	ND	ND	ND	ND	ND	ND
o-Dichlorobenzene	300,000	300,000	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	202,500	4,000	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	350,000	NS	ND	ND	ND	ND	ND	ND
Freon 114	7,000,000	1,000,000	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	120,000	120,000	ND	ND	ND	ND	ND	ND
1,3-Butadiene	2,210	NS	ND	ND	ND	ND	ND	ND
m-Dichlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND
p-Dichlorobenzene	450,000	NS	ND	ND	ND	ND	ND	ND
1,4-Dioxane	360,000	3,600	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone	590,000	590,000	0.41	0.68	0.3	3.7	1.4	0.95
2-Hexanone	410,000	4,000	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone	410,000	205,000	ND	ND	ND	ND	ND	ND
Acetone	2,400,000	590,000	5.5	6.1	3.8	12	4.5	3.7
Benzene	3,190	319	0.35	0.38	0.33	1.2	0.48	0.48
Benzyl Chloride	5,000	5,000	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NS	NS	ND	ND	ND	ND	ND	ND
Bromoform	51,683	5,170	ND	ND	ND	ND	ND	ND
Bromomethane	80,000	NS	ND	ND	ND	ND	ND	ND
Carbon disulfide	62,200	3,000	ND	0.69	ND	ND	ND	0.31
Carbon tetrachloride	62,900	12,600	0.38	0.31	0.39	0.69	0.38	0.38
Chlorobenzene	350,000	NS	ND	ND	ND	ND	ND	ND
Chloroethane	2,600,000	NS	ND	ND	ND	ND	ND	ND
Chloroform	240,000	9,780	ND	ND	ND	ND	ND	ND
Chloromethane	207,000	NS	1.1	1	1.2	2.3	1.4	1.3
cis-1,2-Dichloroethylene	790,000	790,000	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	5,000	ND	ND	ND	ND	ND	ND
Cyclohexane	1,050,000	1,050,000	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NS	NS	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	4,950,000	4,950,000	1.9	1.7	1.9	2.7	2.2	2
Ethanol	1,900,000	1,900,000	ND	ND	ND	ND	ND	ND
Ethyl Acetate	1,400,000	1,400,000	ND	0.83	ND	19	ND	0.73
Ethylbenzene	435,000	435,000	ND	ND	ND	0.83	ND	ND
Hexachlorobutadiene	NS	240	ND	ND	ND	ND	ND	ND
Isopropyl Alcohol	980,000	980,000	1.8	ND	ND	ND	3	3.9
Methyl Methacrylate			ND	ND	ND	ND	ND	ND
Methyl Tert Butyl Ether	NS	NS	ND	ND	ND	ND	ND	ND
Methylene chloride	86,750	NS	2.9	2.7	2.4	1	3.1	2.9
Heptane	2,000,000	350,000	ND	ND	ND	0.49	ND	ND
Hexane	1,800,000	180,000	ND	ND	ND	0.7	ND	ND
o-Xylene			ND	ND	ND	1	ND	ND
m,p-Xylene	435,000	435,000	ND	ND	ND	3.3	ND	ND
4-Ethyltoluene	NS	NS	ND	ND	ND	1	ND	ND
Propylene	NS	NS	ND	ND	ND	ND	ND	ND
Styrene	426,000	215,000	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	678,000	NS	0.34	0.2	ND	1.4	0.41	1.2
Tetrahydrofuran	590,000	590,000	ND	ND	ND	ND	ND	ND
Toluene	754,000	375,000	0.41	0.68	ND	4.3	1.8	1.1
trans-1,2-Dichloroethylene	790,000	790,000	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	5,000	ND	ND	ND	ND	ND	ND
Trichloroethylene	537,000	NS	ND	ND	ND	0.27	0.16	ND
Trichlorofluoromethane	5,600,000	5,600,000	1.5	1.4	1.6	2.9	1.6	1.6
Vinyl Acetate	NS	15,000	ND	ND	ND	ND	ND	ND
Vinyl chloride	2,560	NS	ND	ND	1.2	ND	ND	ND

Notes:

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16.59 16.67 13.12 61.1 20.43 20.55

Particulate Monitoring Data Summaries

Test 001

High School

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/19/2017
Instrument S/N	8530143421	Start Time	11:52:38
		Stop Date	01/20/2017
		Stop Time	11:52:38
		Total Time	1:00:00:00
		Logging Interval	300 seconds

Statistics	
	AEROSOL
Avg	0.008 mg/m ³
Max	0.026 mg/m ³
Max Date	01/19/2017
Max Time	21:42:38
Min	0.001 mg/m ³
Min Date	01/19/2017
Min Time	13:22:38
TWA (8 hr)	0.004
TWA Start Date	01/19/2017
TWA Start Time	11:52:38
TWA End Time	11:52:38

Test 001

Cottage Lane

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/19/2017
Instrument S/N	8530133008	Start Time	11:17:09
		Stop Date	01/20/2017
		Stop Time	11:17:09
		Total Time	1:00:00:00
		Logging Interval	300 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.070 mg/m ³
Max Date	01/19/2017
Max Time	19:02:09
Min	0.003 mg/m ³
Min Date	01/19/2017
Min Time	11:42:09
TWA (8 hr)	0.007
TWA Start Date	01/19/2017
TWA Start Time	11:17:09
TWA End Time	11:17:09

Test 001

Glenshaw St

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/19/2017
Instrument S/N	8530153108	Start Time	10:32:43
		Stop Date	01/20/2017
		Stop Time	10:32:43
		Total Time	1:00:00:00
		Logging Interval	300 seconds

Statistics	
	AEROSOL
Avg	0.003 mg/m ³
Max	0.015 mg/m ³
Max Date	01/20/2017
Max Time	10:27:43
Min	0.000 mg/m ³
Min Date	01/19/2017
Min Time	10:57:43
TWA (8 hr)	0.001
TWA Start Date	01/19/2017
TWA Start Time	10:32:43
TWA End Time	10:32:43

Test 001

Moison Road

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/19/2017
Instrument S/N	8530133111	Start Time	10:46:11
		Stop Date	01/20/2017
		Stop Time	10:47:11
		Total Time	1:00:01:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.021 mg/m ³
Max Date	01/19/2017
Max Time	10:50:11
Min	0.003 mg/m ³
Min Date	01/19/2017
Min Time	10:48:11
TWA (8 hr)	0.007
TWA Start Date	01/19/2017
TWA Start Time	10:46:11
TWA End Time	10:47:11

ATTACHMENT A

Laboratory Report



Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)

300 Kimball Drive

Parsipanny NJ, 07054

Attention: Brian Feury

Report Date: 01/30/2017

Client Project ID: 100630201

York Project (SDG) No.: 17A0783

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/30/2017
Client Project ID: 100630201
York Project (SDG) No.: 17A0783

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive
Parsipanny NJ, 07054
Attention: Brian Feury

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 January 24, 2017 and listed below. The project was identified as your project: **100630201**.

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 Notes 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 attachment to 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17A0783-01	Glenshaw	Outdoor Ambient Ai	01/20/2017	01/24/2017
17A0783-02	Moison	Outdoor Ambient Ai	01/20/2017	01/24/2017
17A0783-03	Cottage School	Outdoor Ambient Ai	01/20/2017	01/24/2017
17A0783-04	Rail Trail North	Outdoor Ambient Ai	01/20/2017	01/24/2017
17A0783-05	Rail Trail South	Outdoor Ambient Ai	01/20/2017	01/24/2017
17A0783-06	High School	Outdoor Ambient Ai	01/20/2017	01/24/2017

General Notes for York Project (SDG) No.: 17A0783

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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:



Benjamin Gulizia
Laboratory Director

Date: 01/30/2017





Sample Information

Client Sample ID: Glenshaw

York Sample ID: 17A0783-01

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 19:31	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 19:31	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
78-93-3	2-Butanone	0.41		ug/m ³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.82	0.82	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 19:31	LDS



Sample Information

Client Sample ID: Glenshaw

York Sample ID: 17A0783-01

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
67-64-1	Acetone	5.5		ug/m ³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
71-43-2	Benzene	0.35		ug/m ³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
56-23-5	Carbon tetrachloride	0.38		ug/m ³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
74-87-3	Chloromethane	1.1		ug/m ³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-71-8	Dichlorodifluoromethane	1.9		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS



Sample Information

Client Sample ID: Glenshaw

York Sample ID: 17A0783-01

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	1.8		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-09-2	Methylene chloride	2.9		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
127-18-4	Tetrachloroethylene	0.34		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	0.59	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
108-88-3	Toluene	0.41		ug/m ³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 19:31	LDS
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	98.6 %		72-118							



Sample Information

Client Sample ID: Moison

York Sample ID: 17A0783-02

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 20:31	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 20:31	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
78-93-3	2-Butanone	0.68		ug/m ³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.82	0.82	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 20:31	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 20:31	LDS



Sample Information

Client Sample ID: Moison

York Sample ID: 17A0783-02

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
67-64-1	Acetone	6.1		ug/m ³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
71-43-2	Benzene	0.38		ug/m ³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-15-0	Carbon disulfide	0.69		ug/m ³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
56-23-5	Carbon tetrachloride	0.31		ug/m ³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
74-87-3	Chloromethane	1.0		ug/m ³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-71-8	Dichlorodifluoromethane	1.7		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
141-78-6	* Ethyl acetate	0.83		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications	01/24/2017 11:04	01/24/2017 20:31	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
67-63-0	Isopropanol	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS



Sample Information

Client Sample ID: Moison

York Sample ID: 17A0783-02

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-09-2	Methylene chloride	2.7		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
127-18-4	Tetrachloroethylene	0.20		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	0.59	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
108-88-3	Toluene	0.68		ug/m ³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 20:31	LDS
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %		72-118							



Sample Information

Client Sample ID: Cottage School

York Sample ID: 17A0783-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17A0783

100630201

Outdoor Ambient Air

January 20, 2017 3:00 pm

01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.71	0.71	1.03	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 21:31	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.56	0.56	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.71	0.71	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.79	0.79	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.56	0.56	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.42	0.42	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.41	0.41	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.76	0.76	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.51	0.51	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.79	0.79	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.62	0.62	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.42	0.42	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.48	0.48	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.72	0.72	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.51	0.51	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.68	0.68	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.62	0.62	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.48	0.48	1.03	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 21:31	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.62	0.62	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.74	0.74	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
78-93-3	2-Butanone	0.30		ug/m ³	0.30	0.30	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.84	0.84	1.03	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 21:31	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1.03	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 21:31	LDS



Sample Information

Client Sample ID: Cottage School

York Sample ID: 17A0783-03

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.42	0.42	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
67-64-1	Acetone	3.8		ug/m ³	0.49	0.49	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
71-43-2	Benzene	0.33		ug/m ³	0.33	0.33	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.53	0.53	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.69	0.69	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-25-2	Bromoform	ND		ug/m ³	1.1	1.1	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.40	0.40	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.32	0.32	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
56-23-5	Carbon tetrachloride	0.39		ug/m ³	0.16	0.16	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.47	0.47	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.27	0.27	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
67-66-3	Chloroform	ND		ug/m ³	0.50	0.50	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
74-87-3	Chloromethane	1.2		ug/m ³	0.21	0.21	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.41	0.41	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.47	0.47	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.35	0.35	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.88	0.88	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-71-8	Dichlorodifluoromethane	1.9		ug/m ³	0.51	0.51	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.74	0.74	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.45	0.45	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
67-63-0	Isopropanol	ND		ug/m ³	0.51	0.51	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS



Sample Information

Client Sample ID: Cottage School

York Sample ID: 17A0783-03

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.42	0.42	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.37	0.37	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-09-2	Methylene chloride	2.4		ug/m ³	0.72	0.72	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.42	0.42	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.36	0.36	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.45	0.45	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.89	0.89	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.51	0.51	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
115-07-1	* Propylene	ND		ug/m ³	0.18	0.18	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
100-42-5	Styrene	ND		ug/m ³	0.44	0.44	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.17	0.17	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.61	0.61	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
108-88-3	Toluene	ND		ug/m ³	0.39	0.39	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.41	0.41	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.47	0.47	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	0.14	0.14	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.58	0.58	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.36	0.36	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.45	0.45	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1.03	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Quc	01/24/2017 11:04	01/24/2017 21:31	LDS
460-00-4	Surrogate Recoveries Surrogate: p-Bromofluorobenzene	Result 98.7 %						Acceptance Range 72-118			



Sample Information

Client Sample ID: Rail Trail North

York Sample ID: 17A0783-04

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 22:33	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.92		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
95-63-6	1,2,4-Trimethylbenzene	1.4		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 22:33	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
78-93-3	2-Butanone	3.7		ug/m ³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.82	0.82	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 22:33	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 22:33	LDS



Sample Information

Client Sample ID: Rail Trail North

York Sample ID: 17A0783-04

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
67-64-1	Acetone	12		ug/m ³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
71-43-2	Benzene	1.2		ug/m ³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
56-23-5	Carbon tetrachloride	0.69		ug/m ³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
74-87-3	Chloromethane	2.3		ug/m ³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
141-78-6	* Ethyl acetate	19		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 22:33	LDS
100-41-4	Ethyl Benzene	0.83		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS
67-63-0	Isopropanol	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 22:33	LDS



Sample Information

Client Sample ID: Rail Trail North

York Sample ID: 17A0783-04

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

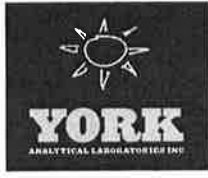
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
75-09-2	Methylene chloride	1.0		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
142-82-5	n-Heptane	0.49		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
110-54-3	n-Hexane	0.70		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
95-47-6	o-Xylene	1.0		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
179601-23-1	p- & m- Xylenes	3.3		ug/m ³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
622-96-8	* p-Ethyltoluene	1.0		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
127-18-4	Tetrachloroethylene	1.4		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	0.59	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
108-88-3	Toluene	4.3		ug/m ³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
79-01-6	Trichloroethylene	0.27		ug/m ³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	2.9		ug/m ³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY 10854, NJDEP, NELAC-NY 10854-Que	01/24/2017 11:04	01/24/2017 22:33	LDS
460-00-4	Surrogate Recoveries <i>Surrogate: p-Bromofluorobenzene</i>	Result 101 %			Acceptance Range 72-118						



Sample Information

Client Sample ID: Rail Trail South

York Sample ID: 17A0783-05

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

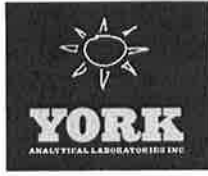
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	0.77	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.41	0.41	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.75	0.75	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.50	0.50	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.78	0.78	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.41	0.41	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.47	0.47	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.71	0.71	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.50	0.50	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.67	0.67	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.47	0.47	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.73	0.73	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
78-93-3	2-Butanone	1.4		ug/m ³	0.30	0.30	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.83	0.83	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS



Sample Information

Client Sample ID: Rail Trail South

York Sample ID: 17A0783-05

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

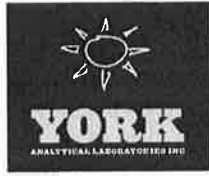
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	0.41	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
67-64-1	Acetone	4.5		ug/m ³	0.48	0.48	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
71-43-2	Benzene	0.48		ug/m ³	0.32	0.32	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	0.52	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.68	0.68	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.0	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	0.31	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
56-23-5	Carbon tetrachloride	0.38		ug/m ³	0.16	0.16	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.47	0.47	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.27	0.27	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	0.49	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
74-87-3	Chloromethane	1.4		ug/m ³	0.21	0.21	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.35	0.35	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.86	0.86	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
75-71-8	Dichlorodifluoromethane	2.2		ug/m ³	0.50	0.50	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.73	0.73	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.44	0.44	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS
67-63-0	Isopropanol	3.0		ug/m ³	0.50	0.50	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/24/2017 23:33	LDS



Sample Information

Client Sample ID: Rail Trail South

York Sample ID: 17A0783-05

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	0.41	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	0.36	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
75-09-2	Methylene chloride	3.1		ug/m ³	0.70	0.70	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.41	0.41	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.36	0.36	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.44	0.44	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.88	0.88	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.50	0.50	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.17	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
127-18-4	Tetrachloroethylene	0.41		ug/m ³	0.17	0.17	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.60	0.60	1.011	EPA TO-15 Certifications:	01/24/2017 11:04	01/24/2017 23:33	LDS
108-88-3	Toluene	1.8		ug/m ³	0.38	0.38	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
79-01-6	Trichloroethylene	0.16		ug/m ³	0.14	0.14	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.57	0.57	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.36	0.36	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	0.44	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1.011	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Qu	01/24/2017 11:04	01/24/2017 23:33	LDS
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %			72-118						



Sample Information

Client Sample ID: High School

York Sample ID: 17A0783-06

York Project (SDG) No.:
17A0783

Client Project ID:
100630201

Matrix:
Outdoor Ambient Air

Collection Date/Time:
January 20, 2017 3:00 pm

Date Received:
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1.01	EPA TO-15 Certifications:	01/24/2017 11:04	01/25/2017 00:34	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	0.77	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.41	0.41	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.75	0.75	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.50	0.50	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.78	0.78	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.41	0.41	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.47	0.47	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.71	0.71	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.50	0.50	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.67	0.67	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.47	0.47	1.01	EPA TO-15 Certifications:	01/24/2017 11:04	01/25/2017 00:34	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.73	0.73	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
78-93-3	2-Butanone	0.95		ug/m ³	0.30	0.30	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.83	0.83	1.01	EPA TO-15 Certifications:	01/24/2017 11:04	01/25/2017 00:34	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1.01	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/24/2017 11:04	01/25/2017 00:34	LDS



Sample Information

Client Sample ID: High School

York Sample ID: 17A0783-06

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	0.41	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
67-64-1	Acetone	3.7		ug/m ³	0.48	0.48	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
71-43-2	Benzene	0.48		ug/m ³	0.32	0.32	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	0.52	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.68	0.68	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.0	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-15-0	Carbon disulfide	0.31		ug/m ³	0.31	0.31	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
56-23-5	Carbon tetrachloride	0.38		ug/m ³	0.16	0.16	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	0.46	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.27	0.27	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	0.49	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
74-87-3	Chloromethane	1.3		ug/m ³	0.21	0.21	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.35	0.35	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.86	0.86	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.50	0.50	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
141-78-6	* Ethyl acetate	0.73		ug/m ³	0.73	0.73	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.44	0.44	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
67-63-0	Isopropanol	3.9		ug/m ³	0.50	0.50	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS



Sample Information

Client Sample ID: High School

York Sample ID: 17A0783-06

York Project (SDG) No.
17A0783

Client Project ID
100630201

Matrix
Outdoor Ambient Air

Collection Date/Time
January 20, 2017 3:00 pm

Date Received
01/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	0.41	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	0.36	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-09-2	Methylene chloride	2.9		ug/m ³	0.70	0.70	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.41	0.41	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.36	0.36	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.44	0.44	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.88	0.88	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.50	0.50	1.01	EPA TO-15 Certifications:	01/24/2017 11:04	01/25/2017 00:34	LDS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.17	1.01	EPA TO-15 Certifications:	01/24/2017 11:04	01/25/2017 00:34	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
127-18-4	Tetrachloroethylene	1.2		ug/m ³	0.17	0.17	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.60	0.60	1.01	EPA TO-15 Certifications:	01/24/2017 11:04	01/25/2017 00:34	LDS
108-88-3	Toluene	1.1		ug/m ³	0.38	0.38	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	0.14	0.14	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.57	0.57	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.36	0.36	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	0.44	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1.01	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP,NELAC-NY 10854-Quc	01/24/2017 11:04	01/25/2017 00:34	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	72-118								



Analytical Batch Summary

Batch ID: BA70955

Preparation Method: EPA TO15 PREP

Prepared By: LDS

YORK Sample ID	Client Sample ID	Preparation Date
17A0783-01	Glenshaw	01/24/17
17A0783-02	Moison	01/24/17
17A0783-03	Cottage School	01/24/17
17A0783-04	Rail Trail North	01/24/17
17A0783-05	Rail Trail South	01/24/17
17A0783-06	High School	01/24/17
BA70955-BLK1	Blank	01/24/17
BA70955-BS1	LCS	01/24/17



Volatile Organic Compounds in Air by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA70955 - EPA TO15 PREP

Blank (BA70955-BLK1)

Prepared & Analyzed: 01/24/2017

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA70955 - EPA TO15 PREP

Prepared & Analyzed: 01/24/2017

Blank (BA70955-BLK1)

n-Hexane	ND	0.35	ug/m ³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								

Surrogate: p-Bromofluorobenzene 9.23 ppbv 10.0 92.3 72-118

Prepared & Analyzed: 01/24/2017

LCS (BA70955-BS1)

1,1,1,2-Tetrachloroethane	8.44		ppbv	10.0		84.4	70-130				
1,1,1-Trichloroethane	8.47		"	10.0		84.7	70-130				
1,1,2,2-Tetrachloroethane	8.56		"	10.0		85.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.17		"	10.0		81.7	70-130				
1,1,2-Trichloroethane	8.73		"	10.0		87.3	70-130				
1,1-Dichloroethane	8.32		"	10.0		83.2	70-130				
1,1-Dichloroethylene	8.17		"	10.0		81.7	70-130				
1,2,4-Trichlorobenzene	7.49		"	10.0		74.9	70-130				
1,2,4-Trimethylbenzene	9.50		"	10.0		95.0	70-130				
1,2-Dibromoethane	8.68		"	10.0		86.8	70-130				
1,2-Dichlorobenzene	9.28		"	10.0		92.8	70-130				
1,2-Dichloroethane	8.30		"	10.0		83.0	70-130				
1,2-Dichloropropane	8.27		"	10.0		82.7	70-130				
1,2-Dichlorotetrafluoroethane	8.52		"	10.0		85.2	70-130				
1,3,5-Trimethylbenzene	9.45		"	10.0		94.5	70-130				
1,3-Butadiene	7.05		"	10.0		70.5	70-130				
1,3-Dichlorobenzene	9.37		"	10.0		93.7	70-130				
1,3-Dichloropropane	8.45		"	10.0		84.5	70-130				
1,4-Dichlorobenzene	9.52		"	10.0		95.2	70-130				
1,4-Dioxane	10.8		"	10.0		108	70-130				
2-Butanone	8.16		"	10.0		81.6	70-130				
2-Hexanone	10.6		"	10.0		106	70-130				
3-Chloropropene	7.83		"	10.0		78.3	70-130				
4-Methyl-2-pentanone	9.64		"	10.0		96.4	70-130				
Acetone	6.76		"	10.0		67.6	70-130	Low Bias			
Acrylonitrile	8.68		"	10.0		86.8	70-130				
Benzene	8.58		"	10.0		85.8	70-130				
Benzyl chloride	8.00		"	10.0		80.0	70-130				
Bromodichloromethane	8.35		"	10.0		83.5	70-130				
Bromoform	9.06		"	10.0		90.6	70-130				
Bromomethane	9.70		"	10.0		97.0	70-130				
Carbon disulfide	8.79		"	10.0		87.9	70-130				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA70955 - EPA TO15 PREP											
LCS (BA70955-BS1)											
Prepared & Analyzed: 01/24/2017											
Carbon tetrachloride	8.21		ppbv	10.0		82.1	70-130				
Chlorobenzene	8.24		"	10.0		82.4	70-130				
Chloroethane	11.1		"	10.0		111	70-130				
Chloroform	8.30		"	10.0		83.0	70-130				
Chloromethane	8.17		"	10.0		81.7	70-130				
cis-1,2-Dichloroethylene	9.07		"	10.0		90.7	70-130				
cis-1,3-Dichloropropylene	9.08		"	10.0		90.8	70-130				
Cyclohexane	8.79		"	10.0		87.9	70-130				
Dibromochloromethane	8.73		"	10.0		87.3	70-130				
Dichlorodifluoromethane	7.71		"	10.0		77.1	70-130				
Ethyl acetate	11.8		"	10.0		118	70-130				
Ethyl Benzene	8.70		"	10.0		87.0	70-130				
Hexachlorobutadiene	9.53		"	10.0		95.3	70-130				
Isopropanol	7.47		"	10.0		74.7	70-130				
Methyl Methacrylate	9.17		"	10.0		91.7	70-130				
Methyl tert-butyl ether (MTBE)	8.93		"	10.0		89.3	70-130				
Methylene chloride	7.74		"	10.0		77.4	70-130				
n-Heptane	9.04		"	10.0		90.4	70-130				
n-Hexane	7.39		"	10.0		73.9	70-130				
o-Xylene	9.17		"	10.0		91.7	70-130				
p- & m- Xylenes	18.3		"	20.0		91.6	70-130				
p-Ethyltoluene	9.57		"	10.0		95.7	70-130				
Propylene	6.57		"	10.0		65.7	70-130	Low Bias			
Styrene	9.04		"	10.0		90.4	70-130				
Tetrachloroethylene	8.01		"	10.0		80.1	70-130				
Tetrahydrofuran	9.27		"	10.0		92.7	70-130				
Toluene	8.43		"	10.0		84.3	70-130				
trans-1,2-Dichloroethylene	8.54		"	10.0		85.4	70-130				
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	70-130				
Trichloroethylene	7.90		"	10.0		79.0	70-130				
Trichlorofluoromethane (Freon 11)	8.27		"	10.0		82.7	70-130				
Vinyl acetate	4.51		"	10.0		45.1	70-130	Low Bias			
Vinyl bromide	9.46		"	10.0		94.6	70-130				
Vinyl Chloride	7.88		"	10.0		78.8	70-130				
Surrogate: p-Bromofluorobenzene	9.81		"	10.0		98.1	72-118				





Notes and Definitions

- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- CCV-A The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to detected analytes only.

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

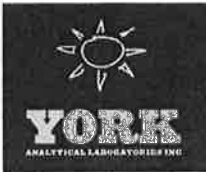
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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



Field Chain-of-Custody Record - AIR

Page 1 of 1
York Project No. 17A0783

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: LANGAN	Address: 300 Kamball Dr. PARLISSAN, NJ	Company: SAKK	Address: 100630201	Company: SAKK	Address: 100630201	Purchase Order No. 100630201		RUSH - Same Day <input type="checkbox"/>	RUSH - Next Day <input type="checkbox"/>	Summary Report <input checked="" type="checkbox"/>	Summary w/ QA Summary <input checked="" type="checkbox"/>
Phone No. 201-417-2666	Contact Person: BRIAN FEURY	Phone No. _____	Attention: _____	Phone No. _____	Attention: _____	Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		RUSH - Two Day <input type="checkbox"/>	RUSH - Three Day <input type="checkbox"/>	NY ASP A Package <input type="checkbox"/>	NY ASP B/CLP Pkg <input type="checkbox"/>
E-Mail Address: bfeury@LANGAN.COM		E-Mail Address: _____		E-Mail Address: _____		Standard(5-7 Days) <input checked="" type="checkbox"/>		RUSH - Four Day <input type="checkbox"/>		NJDEP Reduced <input type="checkbox"/>	Electronic Deliverables: <input type="checkbox"/>

Additional Notes: Temp = 45°F

AIR Matrix Codes

AI- INDOOR Ambient Air	AO
AO- OUTDOOR Amb. Air	AO
AE- Vapor Extraction Well/Process Gas/Effluent	AO
AS- SOIL Vapor/Sub-Slab	AO

Samples Collected/Authorized By (Signature): *Brian Feury*

Name (printed): BRIAN FEURY

Please enter the following Field Data

Detection Limits Required	≤ 1 ug/m ³
NYSDEC VI Limits <input checked="" type="checkbox"/>	(VI = vapor saturation)
NJDEP low level	
Routine Survey	
Other	

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
Glenshaw	1/20/17	AO	29.92	4.23	18315	Y17	TO-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
Ho. son Cottage School	1/20/17	AO	26.10	5.79	1652	7270	TO-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
RAIL TRAIL North	1/20/17	AO	29.55	4.53	18417	Y20	TO-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
RATE TRAIL South	1/20/17	AO	29.74	3.83	22082	Y22	TO-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
High School	1/20/17	AO	28.80	4.35	23199	3350	TO-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
			29.01	4.66	22080	Y36	TO-15	6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag

Comments: Please e-mail summary results as soon as available

Samples Relinquished By: *Brian Feury* Date/Time: 1/23/17 1000

Samples Relinquished By: *AKK* Date/Time: 1/24/17 1055

Samples Received By: *AKK* Date/Time: 1/23/17 10:30

Samples Received in LAB by: *AKK* Date/Time: 1-24-17 1557