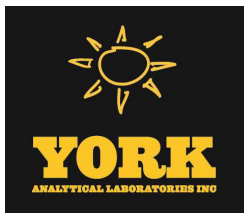


ATTACHMENT C

PREVIOUS ENVIRONMENTAL REPORTS

December 2017 Laboratory Analytical Data Reports



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue

Brooklyn NY, 11225

Attention: Komal Dixit

Report Date: 12/15/2017

Client Project ID: 170313-3711 30th St. Queens NY

York Project (SDG) No.: 17L0396

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

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Komal Dixit

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 December 11, 2017 and listed below. The project was identified as your project: **170313-3711 30th St. Queens NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17L0396-01	SSB-1	Soil Vapor	12/11/2017	12/11/2017
17L0396-02	SSB-2	Soil Vapor	12/11/2017	12/11/2017
17L0396-03	SSB-3	Soil Vapor	12/11/2017	12/11/2017
17L0396-04	SSB-4	Soil Vapor	12/11/2017	12/11/2017
17L0396-05	SSB-5	Soil Vapor	12/11/2017	12/11/2017
17L0396-06	SSB-6	Soil Vapor	12/11/2017	12/11/2017
17L0396-07	SV-1	Soil Vapor	12/11/2017	12/11/2017
17L0396-08	SV-2	Soil Vapor	12/11/2017	12/11/2017
17L0396-09	SV-3	Soil Vapor	12/11/2017	12/11/2017
17L0396-10	IA-1	Indoor Ambient Air	12/11/2017	12/11/2017
17L0396-11	IA-2	Indoor Ambient Air	12/11/2017	12/11/2017
17L0396-12	AO-1	Outdoor Ambient Air	12/11/2017	12/11/2017
17L0396-13	AO-2	Outdoor Ambient Air	12/11/2017	12/11/2017
17L0396-14	AO-3	Outdoor Ambient Air	12/11/2017	12/11/2017

General Notes for York Project (SDG) No.: 17L0396

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/15/2017





Sample Information

Client Sample ID: SSB-1

York Sample ID: 17L0396-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Soil Vapor

December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m ³	11	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	ug/m ³	8.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m ³	11	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	ug/m ³	12	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	ug/m ³	8.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-34-3	1,1-Dichloroethane	ND	IS-LO	ug/m ³	6.3	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-35-4	1,1-Dichloroethylene	ND	IS-LO	ug/m ³	1.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.7	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
106-93-4	1,2-Dibromoethane	ND	IS-LO	ug/m ³	12	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
107-06-2	1,2-Dichloroethane	ND	IS-LO	ug/m ³	6.3	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
78-87-5	1,2-Dichloropropane	ND	IS-LO	ug/m ³	7.2	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-LO	ug/m ³	11	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.7	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
106-99-0	1,3-Butadiene	ND	IS-LO	ug/m ³	10	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
142-28-9	* 1,3-Dichloropropane	ND	IS-LO	ug/m ³	7.2	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
123-91-1	1,4-Dioxane	ND	IS-LO	ug/m ³	11	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
78-93-3	2-Butanone	ND	IS-LO	ug/m ³	4.6	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
591-78-6	* 2-Hexanone	ND	IS-LO	ug/m ³	13	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS



Sample Information

Client Sample ID: SSB-1

York Sample ID: 17L0396-01

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND	IS-LO	ug/m ³	24	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	ug/m ³	6.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
67-64-1	Acetone	11	IS-LO	ug/m ³	7.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
107-13-1	Acrylonitrile	ND	IS-LO	ug/m ³	3.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
71-43-2	Benzene	ND	IS-LO	ug/m ³	5.0	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	8.1	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-27-4	Bromodichloromethane	ND	IS-LO	ug/m ³	10	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-25-2	Bromoform	ND		ug/m ³	16	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
74-83-9	Bromomethane	ND	IS-LO	ug/m ³	6.0	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-15-0	Carbon disulfide	ND	IS-LO	ug/m ³	4.9	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
56-23-5	Carbon tetrachloride	ND	IS-LO	ug/m ³	2.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	7.2	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-00-3	Chloroethane	ND	IS-LO	ug/m ³	4.1	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
67-66-3	Chloroform	ND	IS-LO	ug/m ³	7.6	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
74-87-3	Chloromethane	ND	IS-LO	ug/m ³	3.2	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	ug/m ³	1.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	ug/m ³	7.1	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
110-82-7	Cyclohexane	ND	IS-LO	ug/m ³	5.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
124-48-1	Dibromochloromethane	ND	IS-LO	ug/m ³	13	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-71-8	Dichlorodifluoromethane	ND	IS-LO	ug/m ³	7.7	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
141-78-6	* Ethyl acetate	ND	IS-LO	ug/m ³	11	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	6.8	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS



Sample Information

Client Sample ID: SSB-1

York Sample ID: 17L0396-01

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	14	IS-LO	ug/m ³	7.7	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
80-62-6	Methyl Methacrylate	ND	IS-LO	ug/m ³	6.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	ug/m ³	5.6	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-09-2	Methylene chloride	ND	IS-LO	ug/m ³	11	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
142-82-5	n-Heptane	ND	IS-LO	ug/m ³	6.4	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
110-54-3	n-Hexane	ND	IS-LO	ug/m ³	5.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
95-47-6	o-Xylene	ND		ug/m ³	6.8	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.7	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS
115-07-1	* Propylene	ND	IS-LO	ug/m ³	2.7	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS
100-42-5	Styrene	ND		ug/m ³	6.6	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
127-18-4	Tetrachloroethylene	12000		ug/m ³	11	62.32	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 13:29	LDS
109-99-9	* Tetrahydrofuran	ND	IS-LO	ug/m ³	9.2	15.58	EPA TO-15 Certifications:	12/12/2017 22:13	12/12/2017 22:13	LDS
108-88-3	Toluene	55	IS-LO	ug/m ³	5.9	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	ug/m ³	6.2	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	ug/m ³	7.1	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
79-01-6	Trichloroethylene	16	IS-LO	ug/m ³	2.1	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND	IS-LO	ug/m ³	8.8	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
108-05-4	Vinyl acetate	ND	IS-LO	ug/m ³	5.5	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
593-60-2	Vinyl bromide	ND	IS-LO	ug/m ³	6.8	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
75-01-4	Vinyl Chloride	ND	IS-LO	ug/m ³	1.0	15.58	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 22:13	12/12/2017 22:13	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %	70-130							



Sample Information

Client Sample ID: SSB-2

York Sample ID: 17L0396-02

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	12	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	14	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	12	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.3	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	13	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
78-93-3	2-Butanone	8.5		ug/m ³	5.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	15	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	28	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS



Sample Information

Client Sample ID: SSB-2

York Sample ID: 17L0396-02

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Soil Vapor

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.4	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
67-64-1	Acetone	330		ug/m ³	8.5	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.9	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
71-43-2	Benzene	ND		ug/m ³	5.7	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	9.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	12	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-25-2	Bromoform	ND		ug/m ³	19	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
74-83-9	Bromomethane	ND		ug/m ³	7.0	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	5.6	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	8.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-00-3	Chloroethane	ND		ug/m ³	4.7	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
67-66-3	Chloroform	ND		ug/m ³	8.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.7	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.1	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
110-82-7	Cyclohexane	ND		ug/m ³	6.2	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	15	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.9	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	13	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	7.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
67-63-0	Isopropanol	11		ug/m ³	8.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS



Sample Information

Client Sample ID: SSB-2

York Sample ID: 17L0396-02

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Soil Vapor

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.5	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-09-2	Methylene chloride	ND		ug/m ³	12	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
142-82-5	n-Heptane	ND		ug/m ³	7.4	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
110-54-3	n-Hexane	ND		ug/m ³	6.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
95-47-6	o-Xylene	ND		ug/m ³	7.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.8	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
115-07-1	* Propylene	4.6		ug/m ³	3.1	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
100-42-5	Styrene	ND		ug/m ³	7.6	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
127-18-4	Tetrachloroethylene	1000		ug/m ³	3.0	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	17.95	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 14:17	LDS
108-88-3	Toluene	14		ug/m ³	6.8	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.1	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.1	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
79-01-6	Trichloroethylene	7.7		ug/m ³	2.4	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	10	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	6.3	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	7.9	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	1.1	17.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 14:17	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %	70-130							



Sample Information

Client Sample ID: SSB-3

York Sample ID: 17L0396-03

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	14	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.1	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	2.0	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.9	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.1	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.3	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.9	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	13	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.3	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	14	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
78-93-3	2-Butanone	ND		ug/m ³	5.9	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	16	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	31	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS



Sample Information

Client Sample ID: SSB-3

York Sample ID: 17L0396-03

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

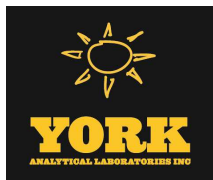
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.2	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
67-64-1	Acetone	26		ug/m ³	9.5	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.4	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
71-43-2	Benzene	ND		ug/m ³	6.4	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	10	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	13	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-25-2	Bromoform	ND		ug/m ³	21	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
74-83-9	Bromomethane	ND		ug/m ³	7.8	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.3	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.2	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.3	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.3	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
67-66-3	Chloroform	ND		ug/m ³	9.8	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.2	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	2.0	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.1	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
110-82-7	Cyclohexane	ND		ug/m ³	6.9	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	17	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.9	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	14	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	8.7	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
67-63-0	Isopropanol	ND		ug/m ³	9.9	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS



Sample Information

Client Sample ID: SSB-3

York Sample ID: 17L0396-03

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

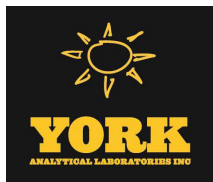
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.2	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.2	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-09-2	Methylene chloride	ND		ug/m ³	14	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.2	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.1	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
95-47-6	o-Xylene	ND		ug/m ³	8.7	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	17	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.9	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
115-07-1	* Propylene	ND		ug/m ³	3.5	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
100-42-5	Styrene	ND		ug/m ³	8.6	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
127-18-4	Tetrachloroethylene	500		ug/m ³	3.4	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	20.1	EPA TO-15 Certifications:	12/15/2017 09:46	12/15/2017 15:05	LDS
108-88-3	Toluene	120		ug/m ³	7.6	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.0	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.1	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.7	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.1	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	8.8	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	1.3	20.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/15/2017 09:46	12/15/2017 15:05	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	91.8 %	70-130							



Sample Information

Client Sample ID: SSB-4

York Sample ID: 17L0396-04

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	12	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.5	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.5	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.1	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.7	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.1	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.1	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	12	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.1	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	13	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
78-93-3	2-Butanone	ND		ug/m ³	5.2	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	14	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	27	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS



Sample Information

Client Sample ID: SSB-4

York Sample ID: 17L0396-04

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Soil Vapor

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.2	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
67-64-1	Acetone	15		ug/m ³	8.3	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.8	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
71-43-2	Benzene	ND		ug/m ³	5.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	9.0	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	12	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-25-2	Bromoform	ND		ug/m ³	18	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
74-83-9	Bromomethane	ND		ug/m ³	6.8	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	5.4	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.7	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	8.0	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-00-3	Chloroethane	ND		ug/m ³	4.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
67-66-3	Chloroform	ND		ug/m ³	8.5	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.7	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.9	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
110-82-7	Cyclohexane	ND		ug/m ³	6.0	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	15	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	13	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	7.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
67-63-0	Isopropanol	ND		ug/m ³	8.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS



Sample Information

Client Sample ID: SSB-4

York Sample ID: 17L0396-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Soil Vapor

December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.2	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.3	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-09-2	Methylene chloride	ND		ug/m ³	12	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
142-82-5	n-Heptane	ND		ug/m ³	7.2	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
110-54-3	n-Hexane	ND		ug/m ³	6.2	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
95-47-6	o-Xylene	ND		ug/m ³	7.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.6	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
115-07-1	* Propylene	ND		ug/m ³	3.0	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
100-42-5	Styrene	ND		ug/m ³	7.4	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
127-18-4	Tetrachloroethylene	840		ug/m ³	3.0	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	10	17.48	EPA TO-15 Certifications:	12/13/2017 00:35	12/13/2017 00:35	LDS
108-88-3	Toluene	190		ug/m ³	6.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.9	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.9	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
79-01-6	Trichloroethylene	13		ug/m ³	2.3	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	9.8	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	6.2	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	7.6	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	1.1	17.48	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 00:35	12/13/2017 00:35	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %	70-130							



Sample Information

Client Sample ID: SSB-5

York Sample ID: 17L0396-05

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	13	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	10	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	14	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	10	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	14	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.1	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.1	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	12	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.5	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	13	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
78-93-3	2-Butanone	ND		ug/m ³	5.4	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	15	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	29	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS



Sample Information

Client Sample ID: SSB-5

York Sample ID: 17L0396-05

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Soil Vapor

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

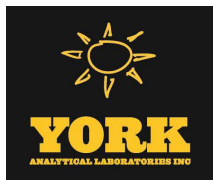
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.6	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
67-64-1	Acetone	57		ug/m ³	8.8	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.0	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
71-43-2	Benzene	ND		ug/m ³	5.9	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	9.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	12	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-25-2	Bromoform	ND		ug/m ³	19	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
74-83-9	Bromomethane	ND		ug/m ³	7.2	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	5.7	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.9	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	8.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-00-3	Chloroethane	ND		ug/m ³	4.9	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
67-66-3	Chloroform	ND		ug/m ³	9.0	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.8	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.8	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.4	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
110-82-7	Cyclohexane	ND		ug/m ³	6.3	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	16	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.1	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	13	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	8.0	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	20	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
67-63-0	Isopropanol	ND		ug/m ³	9.1	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS



Sample Information

Client Sample ID: SSB-5

York Sample ID: 17L0396-05

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.6	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-09-2	Methylene chloride	ND		ug/m ³	13	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
142-82-5	n-Heptane	ND		ug/m ³	7.6	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
110-54-3	n-Hexane	ND		ug/m ³	6.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
95-47-6	o-Xylene	ND		ug/m ³	8.0	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.1	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
115-07-1	* Propylene	ND		ug/m ³	3.2	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
100-42-5	Styrene	ND		ug/m ³	7.9	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
127-18-4	Tetrachloroethylene	4300		ug/m ³	3.1	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	18.44	EPA TO-15 Certifications:	12/13/2017 01:23	12/13/2017 01:23	LDS
108-88-3	Toluene	230		ug/m ³	6.9	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.3	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.4	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	10	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	6.5	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	8.1	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	1.2	18.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:23	12/13/2017 01:23	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	70-130							



Sample Information

Client Sample ID: SSB-6

York Sample ID: 17L0396-06

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	11	15.34	EPA TO-15 Certifications:	12/13/2017 02:11	12/13/2017 02:11	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.4	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.4	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.2	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.1	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.2	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.1	15.34	EPA TO-15 Certifications:	12/13/2017 02:11	12/13/2017 02:11	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.2	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
78-93-3	2-Butanone	ND		ug/m ³	4.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.34	EPA TO-15 Certifications:	12/13/2017 02:11	12/13/2017 02:11	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS



Sample Information

Client Sample ID: SSB-6

York Sample ID: 17L0396-06

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Soil Vapor

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.3	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
67-64-1	Acetone	9.1		ug/m ³	7.3	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
71-43-2	Benzene	ND		ug/m ³	4.9	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	7.9	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-25-2	Bromoform	ND		ug/m ³	16	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
74-83-9	Bromomethane	ND		ug/m ³	6.0	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.8	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	7.1	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
67-66-3	Chloroform	ND		ug/m ³	7.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.0	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
110-82-7	Cyclohexane	ND		ug/m ³	5.3	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-71-8	Dichlorodifluoromethane	11		ug/m ³	7.6	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	6.7	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
67-63-0	Isopropanol	ND		ug/m ³	7.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS



Sample Information

Client Sample ID: SSB-6

York Sample ID: 17L0396-06

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

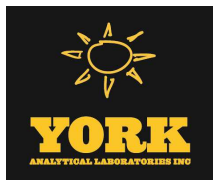
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.3	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-09-2	Methylene chloride	ND		ug/m ³	11	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
142-82-5	n-Heptane	ND		ug/m ³	6.3	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
110-54-3	n-Hexane	ND		ug/m ³	5.4	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
95-47-6	o-Xylene	ND		ug/m ³	6.7	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	13	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.5	15.34	EPA TO-15 Certifications:	12/13/2017 02:11	12/13/2017 02:11	LDS
115-07-1	* Propylene	ND		ug/m ³	2.6	15.34	EPA TO-15 Certifications:	12/13/2017 02:11	12/13/2017 02:11	LDS
100-42-5	Styrene	ND		ug/m ³	6.5	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
127-18-4	Tetrachloroethylene	7.3		ug/m ³	2.6	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.0	15.34	EPA TO-15 Certifications:	12/13/2017 02:11	12/13/2017 02:11	LDS
108-88-3	Toluene	ND		ug/m ³	5.8	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.1	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.0	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.1	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.6	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	5.4	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.7	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.98	15.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:11	12/13/2017 02:11	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	92.3 %	70-130							



Sample Information

Client Sample ID: SV-1

York Sample ID: 17L0396-07

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	9.6	13.96	EPA TO-15 Certifications:	12/13/2017 02:58	12/13/2017 02:58	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	7.6	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.6	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.6	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.7	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	10	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	6.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.6	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.5	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.8	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	6.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	9.3	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.5	13.96	EPA TO-15 Certifications:	12/13/2017 02:58	12/13/2017 02:58	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	10	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
78-93-3	2-Butanone	ND		ug/m ³	4.1	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	11	13.96	EPA TO-15 Certifications:	12/13/2017 02:58	12/13/2017 02:58	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	22	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS



Sample Information

Client Sample ID: SV-1

York Sample ID: 17L0396-07

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Soil Vapor

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	5.7	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
67-64-1	Acetone	11		ug/m ³	6.6	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.0	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
71-43-2	Benzene	ND		ug/m ³	4.5	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	7.2	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	9.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-25-2	Bromoform	ND		ug/m ³	14	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
74-83-9	Bromomethane	ND		ug/m ³	5.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.3	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.2	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	6.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-00-3	Chloroethane	ND		ug/m ³	3.7	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
67-66-3	Chloroform	ND		ug/m ³	6.8	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
74-87-3	Chloromethane	ND		ug/m ³	2.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.3	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
110-82-7	Cyclohexane	ND		ug/m ³	4.8	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	12	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-71-8	Dichlorodifluoromethane	18		ug/m ³	6.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	10	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	6.1	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	15	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
67-63-0	Isopropanol	7.2		ug/m ³	6.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS



Sample Information

Client Sample ID: SV-1

York Sample ID: 17L0396-07

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.7	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.0	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-09-2	Methylene chloride	ND		ug/m ³	9.7	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
142-82-5	n-Heptane	ND		ug/m ³	5.7	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
110-54-3	n-Hexane	ND		ug/m ³	4.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
95-47-6	o-Xylene	ND		ug/m ³	6.1	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	12	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	6.9	13.96	EPA TO-15 Certifications:	12/13/2017 02:58	12/13/2017 02:58	LDS
115-07-1	* Propylene	ND		ug/m ³	2.4	13.96	EPA TO-15 Certifications:	12/13/2017 02:58	12/13/2017 02:58	LDS
100-42-5	Styrene	ND		ug/m ³	5.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
127-18-4	Tetrachloroethylene	72		ug/m ³	2.4	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.2	13.96	EPA TO-15 Certifications:	12/13/2017 02:58	12/13/2017 02:58	LDS
108-88-3	Toluene	340		ug/m ³	5.3	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.5	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.3	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	1.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	7.8	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	4.9	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.1	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.89	13.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:58	12/13/2017 02:58	LDS



Sample Information

Client Sample ID: SV-2

York Sample ID: 17L0396-08

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	11	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.6	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.6	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	7.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.3	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.3	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
78-93-3	2-Butanone	ND		ug/m ³	4.6	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	25	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS



Sample Information

Client Sample ID: SV-2

York Sample ID: 17L0396-08

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
67-64-1	Acetone	11		ug/m ³	7.5	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
71-43-2	Benzene	ND		ug/m ³	5.0	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	8.1	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	11	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-25-2	Bromoform	ND		ug/m ³	16	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
74-83-9	Bromomethane	ND		ug/m ³	6.1	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.9	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.5	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	7.2	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-00-3	Chloroethane	ND		ug/m ³	4.1	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
67-66-3	Chloroform	ND		ug/m ³	7.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.2	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.1	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
110-82-7	Cyclohexane	ND		ug/m ³	5.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.8	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	6.8	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
67-63-0	Isopropanol	ND		ug/m ³	7.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS



Sample Information

Client Sample ID: SV-2

York Sample ID: 17L0396-08

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

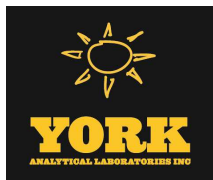
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-09-2	Methylene chloride	ND		ug/m ³	11	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
142-82-5	n-Heptane	ND		ug/m ³	6.4	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
110-54-3	n-Hexane	ND		ug/m ³	5.5	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
95-47-6	o-Xylene	ND		ug/m ³	6.8	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	7.7	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
115-07-1	* Propylene	ND		ug/m ³	2.7	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
100-42-5	Styrene	ND		ug/m ³	6.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
127-18-4	Tetrachloroethylene	2400		ug/m ³	2.7	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.3	15.7	EPA TO-15 Certifications:	12/13/2017 03:46	12/13/2017 03:46	LDS
108-88-3	Toluene	ND		ug/m ³	5.9	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.2	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.1	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.1	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.8	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	5.5	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.9	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	1.0	15.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:46	12/13/2017 03:46	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %	70-130							



Sample Information

Client Sample ID: SV-3

York Sample ID: 17L0396-09

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	9.6	14.01	EPA TO-15 Certifications:	12/13/2017 04:34	12/13/2017 04:34	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	7.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	10	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.5	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.8	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	9.3	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.5	14.01	EPA TO-15 Certifications:	12/13/2017 04:34	12/13/2017 04:34	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	10	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
78-93-3	2-Butanone	ND		ug/m ³	4.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	11	14.01	EPA TO-15 Certifications:	12/13/2017 04:34	12/13/2017 04:34	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	22	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS



Sample Information

Client Sample ID: SV-3

York Sample ID: 17L0396-09

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
67-64-1	Acetone	15		ug/m ³	6.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.0	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
71-43-2	Benzene	ND		ug/m ³	4.5	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	7.3	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	9.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-25-2	Bromoform	ND		ug/m ³	14	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
74-83-9	Bromomethane	ND		ug/m ³	5.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-15-0	Carbon disulfide	12		ug/m ³	4.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.2	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	6.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-00-3	Chloroethane	ND		ug/m ³	3.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
67-66-3	Chloroform	ND		ug/m ³	6.8	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
74-87-3	Chloromethane	ND		ug/m ³	2.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
110-82-7	Cyclohexane	ND		ug/m ³	4.8	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	12	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-71-8	Dichlorodifluoromethane	9.7		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	10	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	6.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	15	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
67-63-0	Isopropanol	55		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS



Sample Information

Client Sample ID: SV-3

York Sample ID: 17L0396-09

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Soil Vapor

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-09-2	Methylene chloride	ND		ug/m ³	9.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
142-82-5	n-Heptane	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
110-54-3	n-Hexane	ND		ug/m ³	4.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
95-47-6	o-Xylene	ND		ug/m ³	6.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	12	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	6.9	14.01	EPA TO-15 Certifications:	12/13/2017 04:34	12/13/2017 04:34	LDS
115-07-1	* Propylene	2.4		ug/m ³	2.4	14.01	EPA TO-15 Certifications:	12/13/2017 04:34	12/13/2017 04:34	LDS
100-42-5	Styrene	ND		ug/m ³	6.0	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
127-18-4	Tetrachloroethylene	47		ug/m ³	2.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.3	14.01	EPA TO-15 Certifications:	12/13/2017 04:34	12/13/2017 04:34	LDS
108-88-3	Toluene	ND		ug/m ³	5.3	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	1.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	7.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	4.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.90	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 04:34	12/13/2017 04:34	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	95.8 %	70-130							



Sample Information

Client Sample ID: IA-1

York Sample ID: 17L0396-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Indoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	0.37	0.533	EPA TO-15 Certifications:	12/13/2017 05:34	12/13/2017 05:34	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	12/13/2017 05:34	12/13/2017 05:34	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
78-93-3	2-Butanone	0.60		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	12/13/2017 05:34	12/13/2017 05:34	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS



Sample Information

Client Sample ID: IA-1

York Sample ID: 17L0396-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Indoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
67-64-1	Acetone	26		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
71-43-2	Benzene	0.43		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
56-23-5	Carbon tetrachloride	0.20		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
74-87-3	Chloromethane	0.65		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
110-82-7	Cyclohexane	0.28		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-71-8	Dichlorodifluoromethane	1.1		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
100-41-4	Ethyl Benzene	0.37		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
67-63-0	Isopropanol	2.5		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS



Sample Information

Client Sample ID: IA-1

York Sample ID: 17L0396-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Indoor Ambient Air

December 11, 2017 12:00 pm

12/11/2017

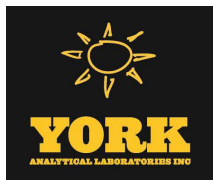
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-09-2	Methylene chloride	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
142-82-5	n-Heptane	0.57		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
110-54-3	n-Hexane	0.26		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
95-47-6	o-Xylene	0.39		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
179601-23-1	p- & m- Xylenes	1.9		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
115-07-1	* Propylene	3.5		ug/m ³	0.092	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
100-42-5	Styrene	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
127-18-4	Tetrachloroethylene	68		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.31	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
108-88-3	Toluene	9.4		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
79-01-6	Trichloroethylene	0.26		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	0.72		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 05:34	12/13/2017 05:34	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	70-130							



Sample Information

Client Sample ID: IA-2

York Sample ID: 17L0396-11

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Indoor Ambient Air

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	0.37	0.533	EPA TO-15 Certifications:	12/14/2017 20:32	12/14/2017 20:32	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
95-63-6	1,2,4-Trimethylbenzene	3.6		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
108-67-8	1,3,5-Trimethylbenzene	1.5		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	12/14/2017 20:32	12/14/2017 20:32	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
78-93-3	2-Butanone	4.5		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
591-78-6	* 2-Hexanone	0.48		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	12/14/2017 20:32	12/14/2017 20:32	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS



Sample Information

Client Sample ID: IA-2

York Sample ID: 17L0396-11

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix Indoor Ambient Air
Collection Date/Time December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	1.2		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
67-64-1	Acetone	17		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
71-43-2	Benzene	1.6		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-15-0	Carbon disulfide	0.43		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
56-23-5	Carbon tetrachloride	0.37		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
74-87-3	Chloromethane	0.85		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
156-59-2	cis-1,2-Dichloroethylene	0.085		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
110-82-7	Cyclohexane	1.4		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-71-8	Dichlorodifluoromethane	3.1		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
141-78-6	* Ethyl acetate	2.2		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
100-41-4	Ethyl Benzene	2.4		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS



Sample Information

Client Sample ID: IA-2

York Sample ID: 17L0396-11

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Indoor Ambient Air

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	56		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-09-2	Methylene chloride	0.41		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
142-82-5	n-Heptane	3.3		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
110-54-3	n-Hexane	3.7		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
95-47-6	o-Xylene	2.9		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
179601-23-1	p- & m- Xylenes	8.8		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
622-96-8	* p-Ethyltoluene	3.7		ug/m ³	0.26	0.533	EPA TO-15 Certifications:	12/14/2017 20:32	12/14/2017 20:32	LDS
115-07-1	* Propylene	0.76		ug/m ³	0.092	0.533	EPA TO-15 Certifications:	12/14/2017 20:32	12/14/2017 20:32	LDS
100-42-5	Styrene	1.2		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
127-18-4	Tetrachloroethylene	66		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
109-99-9	* Tetrahydrofuran	10		ug/m ³	0.31	0.533	EPA TO-15 Certifications:	12/14/2017 20:32	12/14/2017 20:32	LDS
108-88-3	Toluene	11		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
79-01-6	Trichloroethylene	0.46		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	2.5		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2017 20:32	12/14/2017 20:32	LDS



Sample Information

Client Sample ID: AO-1

York Sample ID: 17L0396-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Outdoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

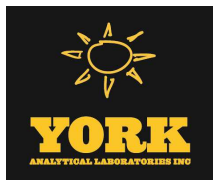
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	0.37	0.533	EPA TO-15 Certifications:	12/13/2017 01:09	12/13/2017 01:09	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	12/13/2017 01:09	12/13/2017 01:09	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
78-93-3	2-Butanone	0.55		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	12/13/2017 01:09	12/13/2017 01:09	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS



Sample Information

Client Sample ID: AO-1

York Sample ID: 17L0396-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Outdoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
67-64-1	Acetone	4.2		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
71-43-2	Benzene	0.48		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
56-23-5	Carbon tetrachloride	0.27		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
74-87-3	Chloromethane	1.1		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
100-41-4	Ethyl Benzene	0.44		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
67-63-0	Isopropanol	3.7		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS



Sample Information

Client Sample ID: AO-1

York Sample ID: 17L0396-12

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Outdoor Ambient Air

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-09-2	Methylene chloride	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
142-82-5	n-Heptane	0.35		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
110-54-3	n-Hexane	0.32		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
95-47-6	o-Xylene	0.42		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
179601-23-1	p- & m- Xylenes	1.8		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
622-96-8	* p-Ethyltoluene	0.31		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
115-07-1	* Propylene	0.50		ug/m ³	0.092	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
100-42-5	Styrene	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
127-18-4	Tetrachloroethylene	10		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
109-99-9	* Tetrahydrofuran	0.42		ug/m ³	0.31	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
108-88-3	Toluene	2.9		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
79-01-6	Trichloroethylene	0.32		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	0.81		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 01:09	12/13/2017 01:09	LDS



Sample Information

Client Sample ID: AO-2

York Sample ID: 17L0396-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Outdoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	0.37	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
95-63-6	1,2,4-Trimethylbenzene	0.39		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
78-93-3	2-Butanone	1.4		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS



Sample Information

Client Sample ID: AO-2

York Sample ID: 17L0396-13

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix Outdoor Ambient Air
Collection Date/Time December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.26		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
67-64-1	Acetone	7.0		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
71-43-2	Benzene	0.70		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
56-23-5	Carbon tetrachloride	0.30		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
74-87-3	Chloromethane	0.80		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
110-82-7	Cyclohexane	0.35		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
141-78-6	* Ethyl acetate	0.63		ug/m ³	0.38	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
100-41-4	Ethyl Benzene	0.58		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
67-63-0	Isopropanol	14		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS



Sample Information

Client Sample ID: AO-2

York Sample ID: 17L0396-13

York Project (SDG) No.
17L0396

Client Project ID
170313-3711 30th St. Queens NY

Matrix
Outdoor Ambient Air

Collection Date/Time
December 11, 2017 12:00 pm

Date Received
12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-09-2	Methylene chloride	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
142-82-5	n-Heptane	0.76		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
110-54-3	n-Hexane	0.86		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
95-47-6	o-Xylene	0.53		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
179601-23-1	p- & m- Xylenes	2.2		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
622-96-8	* p-Ethyltoluene	0.47		ug/m ³	0.26	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
115-07-1	* Propylene	0.39		ug/m ³	0.092	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
100-42-5	Styrene	0.32		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
127-18-4	Tetrachloroethylene	11		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
109-99-9	* Tetrahydrofuran	2.2		ug/m ³	0.31	0.533	EPA TO-15 Certifications:	12/13/2017 02:19	12/13/2017 02:19	LDS
108-88-3	Toluene	3.6		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
79-01-6	Trichloroethylene	0.29		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 02:19	12/13/2017 02:19	LDS



Sample Information

Client Sample ID: AO-3

York Sample ID: 17L0396-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Outdoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	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	0.37	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
95-63-6	1,2,4-Trimethylbenzene	1.4		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
78-87-5	1,2-Dichloropropane	0.42		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
108-67-8	1,3,5-Trimethylbenzene	0.47		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
78-93-3	2-Butanone	2.9		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS



Sample Information

Client Sample ID: AO-3

York Sample ID: 17L0396-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0396

170313-3711 30th St. Queens NY

Outdoor Ambient Air December 11, 2017 12:00 pm

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.68		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
67-64-1	Acetone	15		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
71-43-2	Benzene	1.3		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-15-0	Carbon disulfide	6.9		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
56-23-5	Carbon tetrachloride	0.34		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
74-87-3	Chloromethane	0.92		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
110-82-7	Cyclohexane	1.1		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-71-8	Dichlorodifluoromethane	3.8		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
141-78-6	* Ethyl acetate	0.96		ug/m ³	0.38	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
100-41-4	Ethyl Benzene	1.4		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
67-63-0	Isopropanol	31		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS



Sample Information

Client Sample ID: AO-3

York Sample ID: 17L0396-14

York Project (SDG) No.

17L0396

Client Project ID

170313-3711 30th St. Queens NY

Matrix

Outdoor Ambient Air

Collection Date/Time

December 11, 2017 12:00 pm

Date Received

12/11/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-09-2	Methylene chloride	0.43		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
142-82-5	n-Heptane	2.4		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
110-54-3	n-Hexane	2.3		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
95-47-6	o-Xylene	1.6		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
179601-23-1	p- & m- Xylenes	5.7		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
622-96-8	* p-Ethyltoluene	1.5		ug/m ³	0.26	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
115-07-1	* Propylene	0.58		ug/m ³	0.092	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
100-42-5	Styrene	0.30		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
127-18-4	Tetrachloroethylene	24		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
109-99-9	* Tetrahydrofuran	6.9		ug/m ³	0.31	0.533	EPA TO-15 Certifications:	12/13/2017 03:28	12/13/2017 03:28	LDS
108-88-3	Toluene	8.5		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
79-01-6	Trichloroethylene	0.40		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	2.0		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 03:28	12/13/2017 03:28	LDS



Analytical Batch Summary

Batch ID: BL70591 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0396-12	AO-1	12/13/17
17L0396-13	AO-2	12/13/17
17L0396-14	AO-3	12/13/17
BL70591-BLK1	Blank	12/12/17
BL70591-DUP1	Duplicate	12/13/17

Batch ID: BL70594 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0396-01	SSB-1	12/12/17
17L0396-04	SSB-4	12/13/17
17L0396-05	SSB-5	12/13/17
17L0396-06	SSB-6	12/13/17
17L0396-07	SV-1	12/13/17
17L0396-08	SV-2	12/13/17
17L0396-09	SV-3	12/13/17
17L0396-10	IA-1	12/13/17
BL70594-BLK1	Blank	12/12/17
BL70594-BS1	LCS	12/12/17

Batch ID: BL70682 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0396-11	IA-2	12/14/17
BL70682-BLK1	Blank	12/14/17
BL70682-BS1	LCS	12/14/17

Batch ID: BL70712 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0396-01RE1	SSB-1	12/15/17
17L0396-02	SSB-2	12/15/17
17L0396-03	SSB-3	12/15/17
BL70712-BLK1	Blank	12/15/17
BL70712-BS1	LCS	12/15/17



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

Batch BL70591 - EPA TO15 PREP

Blank (BL70591-BLK1)

Prepared & Analyzed: 12/12/2017

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
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	0.099	"
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

Batch BL70591 - EPA TO15 PREP

Blank (BL70591-BLK1)

Prepared & Analyzed: 12/12/2017

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	0.064	"								

Surrogate: p-Bromofluorobenzene 9.22 ppbv 10.0 92.2 70-130

Duplicate (BL70591-DUP1)

*Source sample: 17L0396-14 (AO-3)

Prepared & Analyzed: 12/13/2017

1,1,1,2-Tetrachloroethane	ND	0.37	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	1.4	0.26	"		1.4				1.83	25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	0.42	0.25	"		0.42				0.00	25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	0.45	0.26	"		0.47				5.71	25	
1,3-Butadiene	ND	0.35	"		ND					25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	2.9	0.16	"		2.9				1.63	25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	0.59	0.22	"		0.68				13.8	25	
Acetone	14	0.25	"		15				2.38	25	
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	1.2	0.17	"		1.3				5.33	25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	6.5	0.17	"		6.9				5.20	25	



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

York Analytical Laboratories, Inc.

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

Batch BL70591 - EPA TO15 PREP

Duplicate (BL70591-DUP1)		*Source sample: 17L0396-14 (AO-3)				Prepared & Analyzed: 12/13/2017					
Carbon tetrachloride	0.34	0.084	ug/m ³		0.34				0.00	25	
Chlorobenzene	ND	0.25	"		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	ND	0.26	"		ND					25	
Chloromethane	0.91	0.11	"		0.92				1.20	25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	1.1	0.18	"		1.1				5.04	25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	3.6	0.26	"		3.8				4.98	25	
Ethyl acetate	0.94	0.38	"		0.96				2.02	25	
Ethyl Benzene	1.5	0.23	"		1.4				1.60	25	
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	26	0.26	"		31				17.9	25	
Methyl Methacrylate	ND	0.22	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	0.39	0.37	"		0.43				9.09	25	
n-Heptane	2.3	0.22	"		2.4				2.79	25	
n-Hexane	2.2	0.19	"		2.3				2.49	25	
o-Xylene	1.6	0.23	"		1.6				0.00	25	
p- & m- Xylenes	5.6	0.46	"		5.7				1.64	25	
p-Ethyltoluene	1.5	0.26	"		1.5				1.74	25	
Propylene	0.54	0.092	"		0.58				6.56	25	
Styrene	0.30	0.23	"		0.30				0.00	25	
Tetrachloroethylene	23	0.090	"		24				4.22	25	
Tetrahydrofuran	6.7	0.31	"		6.9				3.25	25	
Toluene	8.1	0.20	"		8.5				4.62	25	
trans-1,2-Dichloroethylene	ND	0.21	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	0.37	0.072	"		0.40				7.41	25	
Trichlorofluoromethane (Freon 11)	1.9	0.30	"		2.0				3.08	25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	10.7		ppbv	10.0		107	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 BL70594 - EPA TO15 PREP

Blank (BL70594-BLK1)

Prepared & Analyzed: 12/12/2017

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
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	0.099	"
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	"
n-Hexane	ND	0.35	"



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 BL70594 - EPA TO15 PREP

Blank (BL70594-BLK1)

Prepared & Analyzed: 12/12/2017

o-Xylene	ND	0.43	ug/m ³
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	0.064	"

Surrogate: *p*-Bromofluorobenzene 8.83 ppbv 10.0 88.3 70-130

LCS (BL70594-BS1)

Prepared & Analyzed: 12/12/2017

1,1,1,2-Tetrachloroethane	9.17	ppbv	10.0	91.7	70-130
1,1,1-Trichloroethane	7.89	"	10.0	78.9	70-130
1,1,2,2-Tetrachloroethane	9.46	"	10.0	94.6	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.82	"	10.0	88.2	70-130
1,1,2-Trichloroethane	8.97	"	10.0	89.7	70-130
1,1-Dichloroethane	8.95	"	10.0	89.5	70-130
1,1-Dichloroethylene	8.52	"	10.0	85.2	70-130
1,2,4-Trichlorobenzene	7.84	"	10.0	78.4	70-130
1,2,4-Trimethylbenzene	10.1	"	10.0	101	70-130
1,2-Dibromoethane	8.54	"	10.0	85.4	70-130
1,2-Dichlorobenzene	10.1	"	10.0	101	70-130
1,2-Dichloroethane	7.41	"	10.0	74.1	70-130
1,2-Dichloropropane	9.22	"	10.0	92.2	70-130
1,2-Dichlorotetrafluoroethane	10.4	"	10.0	104	70-130
1,3,5-Trimethylbenzene	10.0	"	10.0	100	70-130
1,3-Butadiene	7.91	"	10.0	79.1	70-130
1,3-Dichlorobenzene	10.0	"	10.0	100	70-130
1,3-Dichloropropane	8.92	"	10.0	89.2	70-130
1,4-Dichlorobenzene	10.1	"	10.0	101	70-130
1,4-Dioxane	9.02	"	10.0	90.2	70-130
2-Butanone	7.80	"	10.0	78.0	70-130
2-Hexanone	9.21	"	10.0	92.1	70-130
3-Chloropropene	8.19	"	10.0	81.9	70-130
4-Methyl-2-pentanone	8.85	"	10.0	88.5	70-130
Acetone	6.34	"	10.0	63.4	70-130
Acrylonitrile	8.41	"	10.0	84.1	70-130
Benzene	8.74	"	10.0	87.4	70-130
Benzyl chloride	9.68	"	10.0	96.8	70-130
Bromodichloromethane	8.79	"	10.0	87.9	70-130
Bromoform	9.58	"	10.0	95.8	70-130
Bromomethane	11.1	"	10.0	111	70-130
Carbon disulfide	9.27	"	10.0	92.7	70-130
Carbon tetrachloride	7.88	"	10.0	78.8	70-130

Low Bias



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 BL70594 - EPA TO15 PREP

LCS (BL70594-BS1)

Prepared & Analyzed: 12/12/2017

Chlorobenzene	8.96		ppbv	10.0		89.6	70-130				
Chloroethane	12.4		"	10.0		124	70-130				
Chloroform	8.09		"	10.0		80.9	70-130				
Chloromethane	8.25		"	10.0		82.5	70-130				
cis-1,2-Dichloroethylene	7.26		"	10.0		72.6	70-130				
cis-1,3-Dichloropropylene	9.05		"	10.0		90.5	70-130				
Cyclohexane	9.25		"	10.0		92.5	70-130				
Dibromochloromethane	8.92		"	10.0		89.2	70-130				
Dichlorodifluoromethane	9.50		"	10.0		95.0	70-130				
Ethyl acetate	7.87		"	10.0		78.7	70-130				
Ethyl Benzene	9.39		"	10.0		93.9	70-130				
Hexachlorobutadiene	9.79		"	10.0		97.9	70-130				
Isopropanol	7.64		"	10.0		76.4	70-130				
Methyl Methacrylate	9.13		"	10.0		91.3	70-130				
Methyl tert-butyl ether (MTBE)	8.18		"	10.0		81.8	70-130				
Methylene chloride	8.41		"	10.0		84.1	70-130				
n-Heptane	8.92		"	10.0		89.2	70-130				
n-Hexane	7.85		"	10.0		78.5	70-130				
o-Xylene	9.62		"	10.0		96.2	70-130				
p- & m- Xylenes	19.2		"	20.0		96.0	70-130				
p-Ethyltoluene	9.99		"	10.0		99.9	70-130				
Propylene	9.22		"	10.0		92.2	70-130				
Styrene	9.58		"	10.0		95.8	70-130				
Tetrachloroethylene	7.83		"	10.0		78.3	70-130				
Tetrahydrofuran	9.06		"	10.0		90.6	70-130				
Toluene	8.94		"	10.0		89.4	70-130				
trans-1,2-Dichloroethylene	8.44		"	10.0		84.4	70-130				
trans-1,3-Dichloropropylene	9.00		"	10.0		90.0	70-130				
Trichloroethylene	7.89		"	10.0		78.9	70-130				
Trichlorofluoromethane (Freon 11)	8.76		"	10.0		87.6	70-130				
Vinyl acetate	8.30		"	10.0		83.0	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	8.13		"	10.0		81.3	70-130				
Surrogate: p-Bromofluorobenzene	9.71		"	10.0		97.1	70-130				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BL70682 - EPA TO15 PREP											
Blank (BL70682-BLK1)							Prepared & Analyzed: 12/14/2017				
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
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	0.099	"								
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	"								
n-Hexane	ND	0.35	"								



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 BL70682 - EPA TO15 PREP

Blank (BL70682-BLK1)

Prepared & Analyzed: 12/14/2017

o-Xylene	ND	0.43	ug/m ³
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	0.064	"

Surrogate: *p*-Bromofluorobenzene 8.39 ppbv 10.0 83.9 70-130

LCS (BL70682-BS1)

Prepared & Analyzed: 12/14/2017

1,1,1,2-Tetrachloroethane	8.90	ppbv	10.0	89.0	70-130
1,1,1-Trichloroethane	9.85	"	10.0	98.5	70-130
1,1,2,2-Tetrachloroethane	8.62	"	10.0	86.2	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.94	"	10.0	99.4	70-130
1,1,2-Trichloroethane	8.27	"	10.0	82.7	70-130
1,1-Dichloroethane	9.15	"	10.0	91.5	70-130
1,1-Dichloroethylene	8.80	"	10.0	88.0	70-130
1,2,4-Trichlorobenzene	8.20	"	10.0	82.0	70-130
1,2,4-Trimethylbenzene	8.70	"	10.0	87.0	70-130
1,2-Dibromoethane	8.49	"	10.0	84.9	70-130
1,2-Dichlorobenzene	8.78	"	10.0	87.8	70-130
1,2-Dichloroethane	9.17	"	10.0	91.7	70-130
1,2-Dichloropropane	7.78	"	10.0	77.8	70-130
1,2-Dichlorotetrafluoroethane	9.00	"	10.0	90.0	70-130
1,3,5-Trimethylbenzene	8.80	"	10.0	88.0	70-130
1,3-Butadiene	10.6	"	10.0	106	70-130
1,3-Dichlorobenzene	8.38	"	10.0	83.8	70-130
1,3-Dichloropropane	8.04	"	10.0	80.4	70-130
1,4-Dichlorobenzene	8.19	"	10.0	81.9	70-130
1,4-Dioxane	7.04	"	10.0	70.4	70-130
2-Butanone	8.23	"	10.0	82.3	70-130
2-Hexanone	7.01	"	10.0	70.1	70-130
3-Chloropropene	8.69	"	10.0	86.9	70-130
4-Methyl-2-pentanone	7.54	"	10.0	75.4	70-130
Acetone	7.22	"	10.0	72.2	70-130
Acrylonitrile	8.90	"	10.0	89.0	70-130
Benzene	9.23	"	10.0	92.3	70-130
Benzyl chloride	8.56	"	10.0	85.6	70-130
Bromodichloromethane	8.55	"	10.0	85.5	70-130
Bromoform	9.45	"	10.0	94.5	70-130
Bromomethane	9.41	"	10.0	94.1	70-130
Carbon disulfide	9.56	"	10.0	95.6	70-130
Carbon tetrachloride	10.3	"	10.0	103	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 BL70682 - EPA TO15 PREP

LCS (BL70682-BS1)

Prepared & Analyzed: 12/14/2017

Chlorobenzene	8.55		ppbv	10.0		85.5	70-130				
Chloroethane	9.24		"	10.0		92.4	70-130				
Chloroform	9.66		"	10.0		96.6	70-130				
Chloromethane	11.4		"	10.0		114	70-130				
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	70-130				
cis-1,3-Dichloropropylene	8.80		"	10.0		88.0	70-130				
Cyclohexane	8.91		"	10.0		89.1	70-130				
Dibromochloromethane	8.82		"	10.0		88.2	70-130				
Dichlorodifluoromethane	8.83		"	10.0		88.3	70-130				
Ethyl acetate	8.66		"	10.0		86.6	70-130				
Ethyl Benzene	8.56		"	10.0		85.6	70-130				
Hexachlorobutadiene	9.61		"	10.0		96.1	70-130				
Isopropanol	8.13		"	10.0		81.3	70-130				
Methyl Methacrylate	8.14		"	10.0		81.4	70-130				
Methyl tert-butyl ether (MTBE)	8.68		"	10.0		86.8	70-130				
Methylene chloride	8.62		"	10.0		86.2	70-130				
n-Heptane	8.57		"	10.0		85.7	70-130				
n-Hexane	8.95		"	10.0		89.5	70-130				
o-Xylene	8.66		"	10.0		86.6	70-130				
p- & m- Xylenes	16.9		"	20.0		84.6	70-130				
p-Ethyltoluene	8.82		"	10.0		88.2	70-130				
Propylene	7.76		"	10.0		77.6	70-130				
Styrene	8.79		"	10.0		87.9	70-130				
Tetrachloroethylene	6.79		"	10.0		67.9	70-130	Low Bias			
Tetrahydrofuran	8.44		"	10.0		84.4	70-130				
Toluene	8.27		"	10.0		82.7	70-130				
trans-1,2-Dichloroethylene	9.13		"	10.0		91.3	70-130				
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	70-130				
Trichloroethylene	8.35		"	10.0		83.5	70-130				
Trichlorofluoromethane (Freon 11)	10.1		"	10.0		101	70-130				
Vinyl acetate	10.8		"	10.0		108	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	9.67		"	10.0		96.7	70-130				
Surrogate: p-Bromofluorobenzene	9.40		"	10.0		94.0	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 BL70712 - EPA TO15 PREP											
Blank (BL70712-BLK1)										Prepared & Analyzed: 12/15/2017	
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
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	0.099	"								
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	"								
n-Hexane	ND	0.35	"								



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 BL70712 - EPA TO15 PREP

Blank (BL70712-BLK1)

Prepared & Analyzed: 12/15/2017

o-Xylene	ND	0.43	ug/m ³
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	0.064	"

Surrogate: *p*-Bromofluorobenzene 8.46 ppbv 10.0 84.6 70-130

LCS (BL70712-BS1)

Prepared & Analyzed: 12/15/2017

1,1,1,2-Tetrachloroethane	8.94	ppbv	10.0	89.4	70-130
1,1,1-Trichloroethane	7.96	"	10.0	79.6	70-130
1,1,2,2-Tetrachloroethane	9.24	"	10.0	92.4	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03	"	10.0	90.3	70-130
1,1,2-Trichloroethane	9.04	"	10.0	90.4	70-130
1,1-Dichloroethane	9.09	"	10.0	90.9	70-130
1,1-Dichloroethylene	8.56	"	10.0	85.6	70-130
1,2,4-Trichlorobenzene	7.64	"	10.0	76.4	70-130
1,2,4-Trimethylbenzene	9.53	"	10.0	95.3	70-130
1,2-Dibromoethane	8.55	"	10.0	85.5	70-130
1,2-Dichlorobenzene	9.77	"	10.0	97.7	70-130
1,2-Dichloroethane	7.43	"	10.0	74.3	70-130
1,2-Dichloropropane	9.34	"	10.0	93.4	70-130
1,2-Dichlorotetrafluoroethane	10.3	"	10.0	103	70-130
1,3,5-Trimethylbenzene	9.41	"	10.0	94.1	70-130
1,3-Butadiene	7.76	"	10.0	77.6	70-130
1,3-Dichlorobenzene	9.69	"	10.0	96.9	70-130
1,3-Dichloropropane	8.87	"	10.0	88.7	70-130
1,4-Dichlorobenzene	9.65	"	10.0	96.5	70-130
1,4-Dioxane	9.17	"	10.0	91.7	70-130
2-Butanone	7.90	"	10.0	79.0	70-130
2-Hexanone	9.37	"	10.0	93.7	70-130
3-Chloropropene	8.38	"	10.0	83.8	70-130
4-Methyl-2-pentanone	8.97	"	10.0	89.7	70-130
Acetone	6.25	"	10.0	62.5	70-130
Acrylonitrile	8.45	"	10.0	84.5	70-130
Benzene	8.85	"	10.0	88.5	70-130
Benzyl chloride	9.42	"	10.0	94.2	70-130
Bromodichloromethane	8.65	"	10.0	86.5	70-130
Bromoform	9.35	"	10.0	93.5	70-130
Bromomethane	11.4	"	10.0	114	70-130
Carbon disulfide	9.39	"	10.0	93.9	70-130
Carbon tetrachloride	7.93	"	10.0	79.3	70-130

Low Bias



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

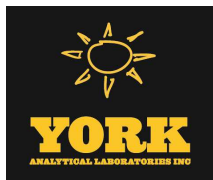
Batch BL70712 - EPA TO15 PREP

LCS (BL70712-BS1)

Prepared & Analyzed: 12/15/2017

Chlorobenzene	8.70		ppbv	10.0		87.0	70-130				
Chloroethane	12.7		"	10.0		127	70-130				
Chloroform	8.18		"	10.0		81.8	70-130				
Chloromethane	7.93		"	10.0		79.3	70-130				
cis-1,2-Dichloroethylene	7.20		"	10.0		72.0	70-130				
cis-1,3-Dichloropropylene	9.06		"	10.0		90.6	70-130				
Cyclohexane	9.47		"	10.0		94.7	70-130				
Dibromochloromethane	8.90		"	10.0		89.0	70-130				
Dichlorodifluoromethane	9.35		"	10.0		93.5	70-130				
Ethyl acetate	7.90		"	10.0		79.0	70-130				
Ethyl Benzene	9.07		"	10.0		90.7	70-130				
Hexachlorobutadiene	9.23		"	10.0		92.3	70-130				
Isopropanol	7.83		"	10.0		78.3	70-130				
Methyl Methacrylate	9.23		"	10.0		92.3	70-130				
Methyl tert-butyl ether (MTBE)	8.48		"	10.0		84.8	70-130				
Methylene chloride	8.48		"	10.0		84.8	70-130				
n-Heptane	8.99		"	10.0		89.9	70-130				
n-Hexane	8.00		"	10.0		80.0	70-130				
o-Xylene	9.25		"	10.0		92.5	70-130				
p- & m- Xylenes	18.6		"	20.0		93.0	70-130				
p-Ethyltoluene	9.65		"	10.0		96.5	70-130				
Propylene	9.30		"	10.0		93.0	70-130				
Styrene	9.12		"	10.0		91.2	70-130				
Tetrachloroethylene	7.89		"	10.0		78.9	70-130				
Tetrahydrofuran	9.16		"	10.0		91.6	70-130				
Toluene	8.95		"	10.0		89.5	70-130				
trans-1,2-Dichloroethylene	8.54		"	10.0		85.4	70-130				
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	70-130				
Trichloroethylene	7.90		"	10.0		79.0	70-130				
Trichlorofluoromethane (Freon 11)	8.85		"	10.0		88.5	70-130				
Vinyl acetate	8.43		"	10.0		84.3	70-130				
Vinyl bromide	10.6		"	10.0		106	70-130				
Vinyl Chloride	7.88		"	10.0		78.8	70-130				
Surrogate: p-Bromofluorobenzene	9.64		"	10.0		96.4	70-130				





Sample and Data Qualifiers Relating to This Work Order

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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.

Definitions and Other Explanations

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

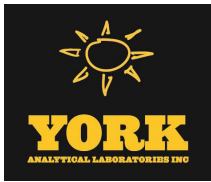
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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





YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record - AIR

Page 1 of 2

17L0396

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.

York Project No. 17L0396

YOUR Information Company: <u>Hydro Tech Env. Corp.</u> Address: <u>15 Ocean Ave</u> Phone No.: <u>716-636-0800</u> Contact Person: <u>Kennel D. Dyer</u> E-Mail Address: <u>kennel.dyer@hydrotechenv.com</u>		Report To: Company: <u>Sut</u> Address: <u></u> Phone No.: <u></u> Attention: <u>Muslima W. A. B.</u> E-Mail Address: <u>m.w.abdellah@hydrotechenv.com</u>		Invoice To: Company: <u>Sut</u> Address: <u></u> Phone No.: <u></u> Attention: <u>Muslima W. A. B.</u> E-Mail Address: <u>m.w.abdellah@hydrotechenv.com</u>		YOUR Project ID <u>170313-3711 30th St. Queens NY</u> Purchase Order No. <u>1211</u> Samples from: CT <u></u> NY <u>X</u> NJ <u></u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☒ Standard(5-7 Days) ☐		Report Type/Deliverables Summary Report <u>X</u> Summary w/ QA Summary <u>X</u> CT RCP Package <u></u> NY ASP A Package <u></u> NY ASP B/CLP Pkg <u></u> NJDEP Reduced <u></u> Electronic Deliverables: <u></u> EDD (Specify Type) <u></u> Standard Excel <u></u> Regulatory Comparison Excel <u>X</u>	

Additional Notes:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Air Matrix Codes

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

Samples Collected/Authorized By (Signature) [Signature]

Sully Peraz
Name (printed)

Please enter the following Field Data

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
SSB-1	12-11-17	AS	-28	-5	20755	740	T0-15	6 Liter canister Tedlar Bag
SSB-2			-27	-7	23155	6869		6 Liter canister Tedlar Bag
SSB-3			-29	-11	28304	F22		6 Liter canister Tedlar Bag
SSB-4			-29	-7	23988	V35		6 Liter canister Tedlar Bag
SSB-5			-29	-10	24114	6872		6 Liter canister Tedlar Bag
SSB-6			-15	0	20664	719		6 Liter canister Tedlar Bag
SV-1			-30	-5	28318	5117		6 Liter canister Tedlar Bag
SV-2			-29	-7	28300	V45		6 Liter canister Tedlar Bag
SV-3			-20	0	24110	7106		6 Liter canister Tedlar Bag
IA-1		AI	-29	-8	24254	20256814		6 Liter canister Tedlar Bag

Comments

Samples Relinquished By [Signature] Date/Time 12/11/17 2:30pm
 Samples Relinquished By [Signature] Date/Time 12-11-17 1730
 Samples Received in LAB by [Signature] Date/Time 12/11/17 2:30



YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record - AIR

Page 2 of 2

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.

York Project No. 17L0396

YOUR Information Company: <u>Hydro Tech Env. Corp.</u> Address: <u>15 Ocean Ave</u> <u>Brooklyn NY</u> Phone No. <u>718-636-0800</u> Contact Person: <u>Kamal Datt</u> E-Mail Address: <u>Kdatt@hydrotechenv.com</u>		Report To: Company: <u>SW</u> Address: <u>SW</u> Phone No. <u>SW</u> Attention: <u>Mushline/Wal</u> E-Mail Address: <u>SW</u>		Invoice To: Company: <u>SW</u> Address: <u>SW</u> Phone No. <u>SW</u> Attention: <u>Mushline/Wal</u> E-Mail Address: <u>SW</u>		YOUR Project ID <u>170313-3711 2018</u> <u>Queens NY</u> Purchase Order No. <u>1211</u> Samples from: CT <u>NY</u> <u>X</u> NJ		Turn-Around Time ☐ RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☒ RUSH - Four Day Standard(5-7 Days) ☐		Report Type/Deliverables Summary Report ☒ Summary w/ QA Summary ☒ CT RCP Package NY ASP A Package NY ASP B/CLP Pkg NJDEP Reduced Electronic Deliverables: EDD (Specify Type) Standard Excel Regulatory Comparison Excel ☒	
Additional Notes: ≤ 1 ug/m ³ NYSDEC VI Limits (VI = vapor intrusion) NJDEP low level Routine Survey Other						Special Instructions					

Please enter the following Field Data

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

Samples Collected/Authorized By (Signature)

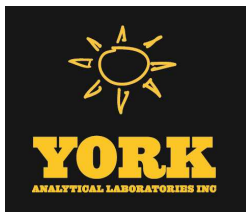
Name (printed)

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
JA-2	12-11-17	AI	-17	0	28302	T10	TO-15	6 Liter canister Tedlar Bag
AO-1	12-11-17	AO	-29	-1	23796	T12		6 Liter canister Tedlar Bag
AO-2			-27	-8	18307	T6		6 Liter canister Tedlar Bag
AO-3			-23	0	15600	6815		6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag

Comments

Samples Relinquished By SW Date/Time 12/11/17 7:30pm
 Samples Relinquished By SW Date/Time 12/11/17 5:30pm

Samples Received By SW Date/Time 12/11/17 2:30
 Samples Received in LAB by SW Date/Time 12-11-17 1730



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue

Brooklyn NY, 11225

Attention: Komal Dixit

Report Date: 12/15/2017

Client Project ID: 170313-3711 30th St Long Island City, NY

York Project (SDG) No.: 17L0398

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: 12/15/2017
Client Project ID: 170313-3711 30th St Long Island City, NY
York Project (SDG) No.: 17L0398

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Komal Dixit

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 December 11, 2017 and listed below. The project was identified as your project: **170313-3711 30th St Long Island City, NY.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17L0398-01	MW-1	Water	12/11/2017	12/11/2017
17L0398-02	MW-2	Water	12/11/2017	12/11/2017
17L0398-03	MW-3	Water	12/11/2017	12/11/2017
17L0398-04	MW-4	Water	12/11/2017	12/11/2017
17L0398-05	MW-5	Water	12/11/2017	12/11/2017
17L0398-06	Field Blank	Water	12/11/2017	12/11/2017
17L0398-07	Trip Blank	Water	12/11/2017	12/11/2017

General Notes for York Project (SDG) No.: 17L0398

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/15/2017





Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 04:07	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 04:07	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
95-63-6	1,2,4-Trimethylbenzene	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
67-64-1	Acetone	1.7	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

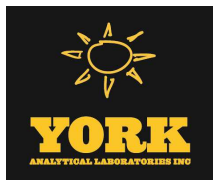
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 04:07	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 04:07	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:07	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 04:07	SR
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	88.5 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			79-122						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
120-12-7	Anthracene	0.0513	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	0.626		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
86-73-7	Fluorene	0.0513	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
91-20-3	Naphthalene	0.164		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
85-01-8	Phenanthrene	0.236		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
129-00-0	Pyrene	0.0615		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:31	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 15:46	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	29.4 %			19.7-63.1						
4165-62-2	Surrogate: Phenol-d5	17.6 %			10.1-41.7						
4165-60-0	Surrogate: Nitrobenzene-d5	58.5 %			50.2-113						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.5 %			39.9-105						
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.6 %			39.3-151						
1718-51-0	Surrogate: Terphenyl-d14	41.2 %			30.7-106						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA



Sample Information

Client Sample ID: MW-1

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York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:15	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	64.6 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:08	SA



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	12/12/2017 07:51	12/13/2017 11:08	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	47.5 %		30-120						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

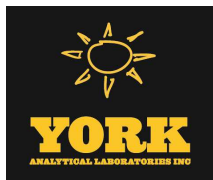
Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.469		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-39-3	Barium	0.157		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-70-2	Calcium	141		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-47-3	Chromium	0.0116		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-50-8	Copper	0.0207	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7439-89-6	Iron	1.80		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7439-95-4	Magnesium	54.2		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7439-96-5	Manganese	1.49		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-02-0	Nickel	0.00812		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-09-7	Potassium	11.3	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-23-5	Sodium	304	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML
7440-66-6	Zinc	0.0204		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:54	BML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-39-3	Barium	0.118		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-70-2	Calcium	112		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-50-8	Copper	0.0118	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7439-95-4	Magnesium	40.9		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7439-96-5	Manganese	0.968		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-09-7	Potassium	10.5	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-23-5	Sodium	309	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:55	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML
7439-98-7	Molybdenum	36.2		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML
7782-49-2	Selenium	4.77		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:13	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML
7439-98-7	Molybdenum	37.0		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML
7782-49-2	Selenium	5.11		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:27	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	0.0760		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/11/2017 20:45	12/11/2017 21:05	TAJ

Chromium, Trivalent

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-1

York Sample ID: 17L0398-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/15/2017 12:30	12/15/2017 12:38	PAM

Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 04:34	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 04:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
67-64-1	Acetone	1.2	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 04:34	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 04:34	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 04:34	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 04:34	SR
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	86.3 %		69-130							
2037-26-5	Surrogate: Toluene-d8	101 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	106 %		79-122							

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
120-12-7	Anthracene	0.0632		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
86-73-7	Fluorene	0.0632		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:16	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00	12/13/2017 16:03	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
91-20-3	Naphthalene	0.137		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
85-01-8	Phenanthrene	0.347		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
129-00-0	Pyrene	0.0526	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:03	SR
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:16	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	34.5 %	19.7-63.1								
4165-62-2	Surrogate: Phenol-d5	22.0 %	10.1-41.7								
4165-60-0	Surrogate: Nitrobenzene-d5	59.4 %	50.2-113								
321-60-8	Surrogate: 2-Fluorobiphenyl	56.6 %	39.9-105								
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.9 %	39.3-151								
1718-51-0	Surrogate: Terphenyl-d14	44.3 %	30.7-106								

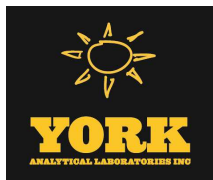
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:30	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	44.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	66.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:25	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	12/12/2017 07:51	12/13/2017 11:25	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %		30-120						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.392		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-39-3	Barium	0.270		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-70-2	Calcium	138		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-50-8	Copper	0.0176	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7439-89-6	Iron	0.809		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7439-95-4	Magnesium	52.4		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7439-96-5	Manganese	0.572		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-09-7	Potassium	11.5	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-23-5	Sodium	244	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML
7440-66-6	Zinc	0.0187		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:59	BML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-39-3	Barium	0.244		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-70-2	Calcium	130		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-50-8	Copper	0.0113	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7439-89-6	Iron	0.0365		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7439-95-4	Magnesium	49.0		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7439-96-5	Manganese	0.359		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-09-7	Potassium	10.9	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-23-5	Sodium	247	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:01	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML
7439-98-7	Molybdenum	18.9		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML
7782-49-2	Selenium	4.65		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:17	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML
7439-98-7	Molybdenum	23.4		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML
7782-49-2	Selenium	3.08		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:39	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: MW-2

York Sample ID: 17L0398-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	0.0440		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/11/2017 20:45	12/11/2017 21:05	TAJ

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/15/2017 12:30	12/15/2017 12:38	PAM

Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 05:01	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
67-64-1	Acetone	2.2		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:01	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:01	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
127-18-4	Tetrachloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:01	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 05:01	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.4 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
91-20-3	Naphthalene	0.0821		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
85-01-8	Phenanthrene	0.215		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:35	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 16:46	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	33.4 %	19.7-63.1								
4165-62-2	Surrogate: Phenol-d5	21.0 %	10.1-41.7								
4165-60-0	Surrogate: Nitrobenzene-d5	60.3 %	50.2-113								
321-60-8	Surrogate: 2-Fluorobiphenyl	56.7 %	39.9-105								
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.3 %	39.3-151								



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

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170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	51.7 %			30.7-106						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:45	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	58.7 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	63.1 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:41	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	12/12/2017 07:51	12/13/2017 11:41	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %								

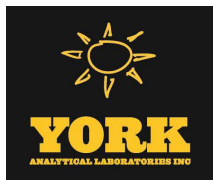
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.210		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-39-3	Barium	0.0761		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-70-2	Calcium	96.4		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-50-8	Copper	0.0115	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7439-89-6	Iron	0.590		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7439-95-4	Magnesium	35.7		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7439-96-5	Manganese	0.659		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-09-7	Potassium	13.0	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-23-5	Sodium	139	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 21:04	BML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-39-3	Barium	0.0821		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-70-2	Calcium	87.7		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-50-8	Copper	0.00969	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7439-95-4	Magnesium	32.6		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.634		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-09-7	Potassium	11.9	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-23-5	Sodium	153	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:06	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML
7439-98-7	Molybdenum	51.7		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML
7782-49-2	Selenium	6.29		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:21	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML



Sample Information

Client Sample ID: MW-3

York Sample ID: 17L0398-03

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML
7439-98-7	Molybdenum	47.4		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML
7782-49-2	Selenium	4.01		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:42	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	0.0140		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/11/2017 20:45	12/11/2017 21:05	TAJ

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/15/2017 12:30	12/15/2017 12:38	PAM



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 05:28	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:28	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:28	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
127-18-4	Tetrachloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:28	SR



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 05:28	SR
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.1 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
120-12-7	Anthracene	0.0737		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
206-44-0	Fluoranthene	0.0632		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
86-73-7	Fluorene	0.116		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
91-20-3	Naphthalene	0.105		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:17	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:07	SR



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	0.495		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:07	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
129-00-0	Pyrene	0.0947		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:07	SR
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:17	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	40.6 %									
4165-62-2	Surrogate: Phenol-d5	25.9 %									
4165-60-0	Surrogate: Nitrobenzene-d5	69.5 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	64.3 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	78.8 %									
1718-51-0	Surrogate: Terphenyl-d14	30.4 %	S-08								

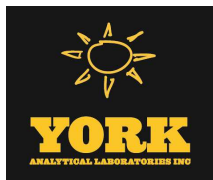
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 16:00	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	24.5 %	GC-Sur r	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	55.4 %		30-150						

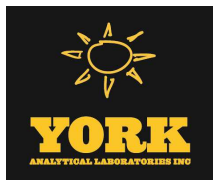
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 11:58	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	12/12/2017 07:51	12/13/2017 11:58	SA



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	29.5 %	GC-Sur	30-120						
r										

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2.87		mg/L	0.0556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	0.424		mg/L	0.0111	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	277		mg/L	0.0556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	0.0731		mg/L	0.00556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	0.0869	B	mg/L	0.00333	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	14.8		mg/L	0.0222	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	0.0106		mg/L	0.00556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	74.0		mg/L	0.0556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	2.58		mg/L	0.00556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	0.0332		mg/L	0.00556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	12.7	B	mg/L	0.0556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	93.6	B	mg/L	0.111	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	0.102		mg/L	0.0167	1	EPA 6010C	12/12/2017 10:43	12/12/2017 21:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615					132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371					FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-39-3	Barium	0.0803		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-70-2	Calcium	65.1		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-50-8	Copper	0.00890	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7439-95-4	Magnesium	26.0		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7439-96-5	Manganese	0.244		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-09-7	Potassium	9.11	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-23-5	Sodium	67.5	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:11	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML
7440-38-2	Arsenic	1.24		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML
7440-41-7	Beryllium	0.349		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML
7439-98-7	Molybdenum	16.8		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	8.57		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:25	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML
7439-98-7	Molybdenum	43.2		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML
7782-49-2	Selenium	2.63		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:46	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

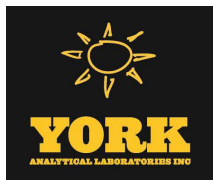
Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	0.121		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/11/2017 20:45	12/11/2017 21:05	TAJ



Sample Information

Client Sample ID: MW-4

York Sample ID: 17L0398-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/15/2017 12:30	12/15/2017 12:38	PAM

Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

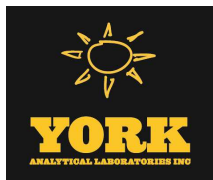
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 05:55	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
127-18-4	Tetrachloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 05:55	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 05:55	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	88.3 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								

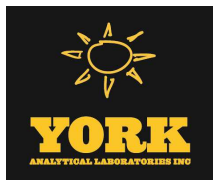
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:47	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 17:39	SR



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
91-20-3	Naphthalene	0.0842		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:39	SR
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 17:47	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	43.5 %	19.7-63.1								
4165-62-2	Surrogate: Phenol-d5	28.4 %	10.1-41.7								
4165-60-0	Surrogate: Nitrobenzene-d5	68.4 %	50.2-113								
321-60-8	Surrogate: 2-Fluorobiphenyl	66.8 %	39.9-105								
118-79-6	Surrogate: 2,4,6-Tribromophenol	82.1 %	39.3-151								
1718-51-0	Surrogate: Terphenyl-d14	34.3 %	30.7-106								

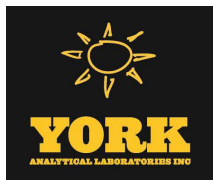
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
1024-57-3	Heptachlor epoxide	0.00533		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 17:01	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	45.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	72.7 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 12:14	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	12/12/2017 07:51	12/13/2017 12:14	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	35.5 %								

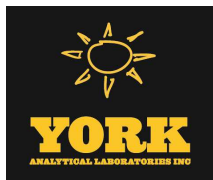
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.25		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-39-3	Barium	0.146		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-70-2	Calcium	116		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-47-3	Chromium	0.0262		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-50-8	Copper	0.0343	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7439-89-6	Iron	3.61		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7439-95-4	Magnesium	33.1		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7439-96-5	Manganese	0.951		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.00795		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-09-7	Potassium	7.99	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-23-5	Sodium	30.2	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML
7440-66-6	Zinc	0.0233		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:26	BML

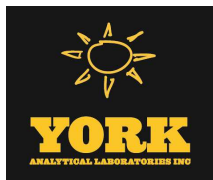
Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-39-3	Barium	0.0391		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-70-2	Calcium	59.0		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-50-8	Copper	0.00981	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7439-95-4	Magnesium	20.4		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7439-96-5	Manganese	0.143		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-09-7	Potassium	7.67	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-23-5	Sodium	30.6	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:30	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML
7439-98-7	Molybdenum	5.23		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML
7782-49-2	Selenium	6.41		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:29	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

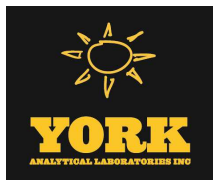
Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML
7439-98-7	Molybdenum	40.1		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML
7782-49-2	Selenium	1.45		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:58	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-5

York Sample ID: 17L0398-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	0.119		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/11/2017 20:45	12/11/2017 21:05	TAJ

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/15/2017 12:30	12/15/2017 12:38	PAM

Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 06:23	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 06:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

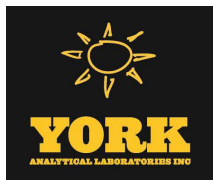
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 06:23	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 06:23	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:23	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 06:23	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	90.0 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122								



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 3:00 pm

12/11/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-70-2	Calcium	0.0940		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-50-8	Copper	0.0135	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7439-89-6	Iron	0.0239		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-09-7	Potassium	0.0754	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-23-5	Sodium	0.454	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML
7440-66-6	Zinc	0.0178		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/13/2017 19:31	BML

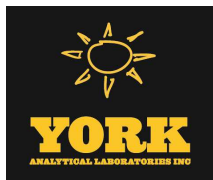
Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-50-8	Copper	0.00614	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 03:35	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML
7439-98-7	Molybdenum	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:06	12/14/2017 14:32	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.12	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0398-06

York Project (SDG) No.

17L0398

Client Project ID

170313-3711 30th St Long Island City, NY

Matrix

Water

Collection Date/Time

December 11, 2017 3:00 pm

Date Received

12/11/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.12	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML
7440-41-7	Beryllium	ND		ug/L	0.112	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML
7440-43-9	Cadmium	ND		ug/L	0.562	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML
7439-98-7	Molybdenum	ND		ug/L	1.12	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML
7782-49-2	Selenium	ND		ug/L	1.12	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML
7440-28-0	Thallium	ND		ug/L	1.12	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 14:02	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/11/2017 20:45	12/11/2017 21:05	TAJ

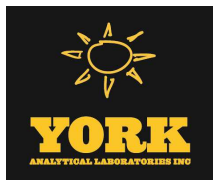
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/15/2017 12:30	12/15/2017 12:38	PAM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0398-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 12:00 am

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/14/2017 10:30	12/15/2017 06:50	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 06:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0398-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 12:00 am

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0398-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 12:00 am

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 06:50	SR
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/14/2017 10:30	12/15/2017 06:50	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 10:30	12/15/2017 06:50	SR



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0398-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0398

170313-3711 30th St Long Island City, NY

Water

December 11, 2017 12:00 am

12/11/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/14/2017 10:30	12/15/2017 06:50	SR
Certifications: CTD0H,NELAC-NY10854,NJDEP,NELAC-NY12058											
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.6 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	79-122								



Analytical Batch Summary

Batch ID: BL70478

Preparation Method: Analysis Preparation

Prepared By: TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/11/17
17L0398-02	MW-2	12/11/17
17L0398-03	MW-3	12/11/17
17L0398-04	MW-4	12/11/17
17L0398-05	MW-5	12/11/17
17L0398-06	Field Blank	12/11/17
BL70478-BLK1	Blank	12/11/17
BL70478-BS1	LCS	12/11/17
BL70478-DUP1	Duplicate	12/11/17
BL70478-MS1	Matrix Spike	12/11/17

Batch ID: BL70493

Preparation Method: EPA SW846-3510C Low Level

Prepared By: TMP

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/12/17
17L0398-01	MW-1	12/12/17
17L0398-02	MW-2	12/12/17
17L0398-02	MW-2	12/12/17
17L0398-03	MW-3	12/12/17
17L0398-03	MW-3	12/12/17
17L0398-04	MW-4	12/12/17
17L0398-04	MW-4	12/12/17
17L0398-05	MW-5	12/12/17
17L0398-05	MW-5	12/12/17
BL70493-BLK1	Blank	12/12/17
BL70493-BLK2	Blank	12/12/17
BL70493-BS1	LCS	12/12/17
BL70493-BS2	LCS	12/12/17
BL70493-BSD1	LCS Dup	12/12/17
BL70493-BSD2	LCS Dup	12/12/17

Batch ID: BL70496

Preparation Method: EPA 3510C

Prepared By: TMP

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/12/17
17L0398-02	MW-2	12/12/17
17L0398-03	MW-3	12/12/17
17L0398-04	MW-4	12/12/17
17L0398-05	MW-5	12/12/17
BL70496-BLK1	Blank	12/12/17
BL70496-BLK2	Blank	12/12/17
BL70496-BS1	LCS	12/12/17
BL70496-BS2	LCS	12/12/17
BL70496-BSD1	LCS Dup	12/12/17



Batch ID: BL70508

Preparation Method: EPA 3015A

Prepared By: SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/12/17
17L0398-02	MW-2	12/12/17
17L0398-03	MW-3	12/12/17
17L0398-04	MW-4	12/12/17
17L0398-05	MW-5	12/12/17
17L0398-06	Field Blank	12/12/17
BL70508-BLK1	Blank	12/12/17
BL70508-SRM1	Reference	12/12/17

Batch ID: BL70544

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/13/17
17L0398-02	MW-2	12/13/17
17L0398-03	MW-3	12/13/17
17L0398-04	MW-4	12/13/17
17L0398-05	MW-5	12/13/17
17L0398-06	Field Blank	12/13/17
BL70544-BLK1	Blank	12/13/17
BL70544-BS1	LCS	12/13/17
BL70544-BS2	LCS	12/13/17

Batch ID: BL70545

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/13/17
17L0398-02	MW-2	12/13/17
17L0398-03	MW-3	12/13/17
17L0398-04	MW-4	12/13/17
17L0398-05	MW-5	12/13/17
17L0398-06	Field Blank	12/13/17
BL70545-BLK1	Blank	12/13/17
BL70545-BS1	LCS	12/13/17
BL70545-BS2	LCS	12/13/17

Batch ID: BL70582

Preparation Method: EPA 3015A

Prepared By: SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/13/17
17L0398-02	MW-2	12/13/17
17L0398-03	MW-3	12/13/17
17L0398-04	MW-4	12/13/17
17L0398-05	MW-5	12/13/17
17L0398-06	Field Blank	12/13/17
BL70582-BLK1	Blank	12/13/17



BL70582-SRM1

Reference

12/13/17

Batch ID: BL70654**Preparation Method:** EPA 3015A**Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/14/17
17L0398-02	MW-2	12/14/17
17L0398-03	MW-3	12/14/17
17L0398-04	MW-4	12/14/17
17L0398-05	MW-5	12/14/17
17L0398-06	Field Blank	12/14/17
BL70654-BLK1	Blank	12/14/17
BL70654-BS1	LCS	12/14/17
BL70654-DUP1	Duplicate	12/14/17
BL70654-MS1	Matrix Spike	12/14/17

Batch ID: BL70655**Preparation Method:** EPA 3015A**Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/14/17
17L0398-02	MW-2	12/14/17
17L0398-03	MW-3	12/14/17
17L0398-04	MW-4	12/14/17
17L0398-05	MW-5	12/14/17
17L0398-06	Field Blank	12/14/17
BL70655-BLK1	Blank	12/14/17
BL70655-BS1	LCS	12/14/17
BL70655-DUP1	Duplicate	12/14/17
BL70655-MS1	Matrix Spike	12/14/17

Batch ID: BL70661**Preparation Method:** EPA 5030B**Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/14/17
17L0398-02	MW-2	12/14/17
17L0398-03	MW-3	12/14/17
17L0398-04	MW-4	12/14/17
17L0398-05	MW-5	12/14/17
17L0398-06	Field Blank	12/14/17
17L0398-07	Trip Blank	12/14/17
BL70661-BLK1	Blank	12/14/17
BL70661-BS1	LCS	12/14/17
BL70661-BSD1	LCS Dup	12/14/17

Batch ID: BL70727**Preparation Method:** Analysis Preparation**Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
17L0398-01	MW-1	12/15/17
17L0398-02	MW-2	12/15/17



17L0398-03	MW-3	12/15/17
17L0398-04	MW-4	12/15/17
17L0398-05	MW-5	12/15/17
17L0398-06	Field Blank	12/15/17



Volatile Organic Compounds 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 BL70661 - EPA 5030B											
Blank (BL70661-BLK1)										Prepared & Analyzed: 12/14/2017	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								



Volatile Organic Compounds 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 BL70661 - EPA 5030B

Blank (BL70661-BLK1)

Prepared & Analyzed: 12/14/2017

Methylene chloride	ND	2.0	ug/L								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.23		"	10.0		92.3	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				

LCS (BL70661-BS1)

Prepared & Analyzed: 12/14/2017

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	9.98		"	10.0		99.8	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.97		"	10.0		99.7	82-123				
1,1-Dichloroethane	10.5		"	10.0		105	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	11.9		"	10.0		119	76-136				
1,2,3-Trichloropropane	9.98		"	10.0		99.8	77-128				
1,2,4,5-Tetramethylbenzene	11.2		"	10.0		112	85-140				
1,2,4-Trichlorobenzene	10.9		"	10.0		109	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	9.52		"	10.0		95.2	45-147				
1,2-Dibromoethane	9.93		"	10.0		99.3	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	9.29		"	10.0		92.9	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131				
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122				
1,3-Dichloropropane	9.99		"	10.0		99.9	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	8.58		"	10.0		85.8	56-150				
2-Butanone	1.89		"	10.0		18.9	49-152	Low Bias			
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	8.62		"	10.0		86.2	51-146				



Volatile Organic Compounds 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 BL70661 - EPA 5030B											
LCS (BL70661-BS1)						Prepared & Analyzed: 12/14/2017					
4-Chlorotoluene	10.7		ug/L	10.0		107	79-128				
4-Methyl-2-pentanone	9.41		"	10.0		94.1	57-145				
Acetone	8.50		"	10.0		85.0	14-150				
Benzene	10.7		"	10.0		107	85-126				
Bromobenzene	10.5		"	10.0		105	78-129				
Bromochloromethane	9.88		"	10.0		98.8	77-128				
Bromodichloromethane	9.82		"	10.0		98.2	79-128				
Bromoform	9.36		"	10.0		93.6	78-133				
Bromomethane	9.74		"	10.0		97.4	43-168				
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	9.90		"	10.0		99.0	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	9.60		"	10.0		96.0	65-136				
Chloroform	9.82		"	10.0		98.2	82-128				
Chloromethane	9.28		"	10.0		92.8	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Dibromochloromethane	9.58		"	10.0		95.8	80-130				
Dibromomethane	9.56		"	10.0		95.6	72-134				
Dichlorodifluoromethane	8.94		"	10.0		89.4	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	11.7		"	10.0		117	76-140				
Methyl tert-butyl ether (MTBE)	9.97		"	10.0		99.7	76-135				
Methylene chloride	9.49		"	10.0		94.9	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	11.4		"	10.0		114	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.7		"	20.0		108	77-133				
p-Diethylbenzene	11.1		"	10.0		111	84-134				
p-Ethyltoluene	11.1		"	10.0		111	88-129				
p-Isopropyltoluene	11.4		"	10.0		114	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butylbenzene	11.4		"	10.0		114	77-138				
Tetrachloroethylene	11.5		"	10.0		115	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	8.68		"	10.0		86.8	67-139				
Vinyl Chloride	9.90		"	10.0		99.0	58-145				
Surrogate: 1,2-Dichloroethane-d4	8.98		"	10.0		89.8	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds 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 BL70661 - EPA 5030B											
LCS Dup (BL70661-BSD1)						Prepared & Analyzed: 12/14/2017					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.96	30	
1,1,1-Trichloroethane	9.97		"	10.0		99.7	78-136		0.100	30	
1,1,2,2-Tetrachloroethane	9.91		"	10.0		99.1	76-129		2.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		2.12	30	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		4.41	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		0.191	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		0.681	30	
1,1-Dichloropropylene	10.7		"	10.0		107	83-133		0.937	30	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	76-136		3.24	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		4.12	30	
1,2,4,5-Tetramethylbenzene	11.3		"	10.0		113	85-140		0.797	30	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		2.79	30	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132		0.179	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		5.02	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		3.75	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		1.74	30	
1,2-Dichloroethane	9.58		"	10.0		95.8	73-132		3.07	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		1.04	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		0.452	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		1.09	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		4.41	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124		2.67	30	
2,2-Dichloropropane	8.45		"	10.0		84.5	56-150		1.53	30	
2-Butanone	9.61		"	10.0		96.1	49-152		134	30	Non-dir.
2-Chlorotoluene	11.0		"	10.0		110	79-130		0.636	30	
2-Hexanone	10.5		"	10.0		105	51-146		19.9	30	
4-Chlorotoluene	10.8		"	10.0		108	79-128		1.67	30	
4-Methyl-2-pentanone	9.86		"	10.0		98.6	57-145		4.67	30	
Acetone	13.4		"	10.0		134	14-150		44.5	30	Non-dir.
Benzene	10.7		"	10.0		107	85-126		0.187	30	
Bromobenzene	10.7		"	10.0		107	78-129		2.08	30	
Bromochloromethane	10.1		"	10.0		101	77-128		2.00	30	
Bromodichloromethane	9.97		"	10.0		99.7	79-128		1.52	30	
Bromoform	9.81		"	10.0		98.1	78-133		4.69	30	
Bromomethane	9.64		"	10.0		96.4	43-168		1.03	30	
Carbon disulfide	10.5		"	10.0		105	68-146		0.663	30	
Carbon tetrachloride	9.91		"	10.0		99.1	77-141		0.101	30	
Chlorobenzene	10.5		"	10.0		105	88-120		0.862	30	
Chloroethane	9.59		"	10.0		95.9	65-136		0.104	30	
Chloroform	9.93		"	10.0		99.3	82-128		1.11	30	
Chloromethane	9.19		"	10.0		91.9	43-155		0.975	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		0.848	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		0.482	30	
Dibromochloromethane	9.96		"	10.0		99.6	80-130		3.89	30	
Dibromomethane	9.85		"	10.0		98.5	72-134		2.99	30	
Dichlorodifluoromethane	8.98		"	10.0		89.8	44-144		0.446	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		0.739	30	
Hexachlorobutadiene	11.1		"	10.0		111	67-146		0.996	30	
Isopropylbenzene	11.7		"	10.0		117	76-140		0.171	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		3.74	30	
Methylene chloride	9.61		"	10.0		96.1	55-137		1.26	30	



Volatile Organic Compounds 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 BL70661 - EPA 5030B

LCS Dup (BL70661-BSD1)

Prepared & Analyzed: 12/14/2017

Naphthalene	11.6		ug/L	10.0		116	70-147		7.63	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		0.553	30	
n-Propylbenzene	11.4		"	10.0		114	78-133		0.264	30	
o-Xylene	10.8		"	10.0		108	78-130		0.558	30	
p- & m- Xylenes	21.7		"	20.0		108	77-133		0.0922	30	
p-Diethylbenzene	11.1		"	10.0		111	84-134		0.0904	30	
p-Ethyltoluene	11.0		"	10.0		110	88-129		0.452	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		0.440	30	
sec-Butylbenzene	11.3		"	10.0		113	79-137		0.706	30	
Styrene	10.7		"	10.0		107	67-132		1.31	30	
tert-Butylbenzene	11.5		"	10.0		115	77-138		0.175	30	
Tetrachloroethylene	15.5		"	10.0		155	82-131	High Bias	29.6	30	
Toluene	10.7		"	10.0		107	80-127		0.467	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		0.289	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		3.02	30	
Trichloroethylene	11.0		"	10.0		110	82-128		5.80	30	
Trichlorofluoromethane	8.75		"	10.0		87.5	67-139		0.803	30	
Vinyl Chloride	9.85		"	10.0		98.5	58-145		0.506	30	
Surrogate: 1,2-Dichloroethane-d4	9.21		"	10.0		92.1	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL70496 - EPA 3510C

Blank (BL70496-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

1,2,4-Trichlorobenzene	ND	5.00	ug/L
1,2-Dichlorobenzene	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C

Blank (BL70496-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Hexachlorobenzene	ND	0.0200	ug/L
Hexachlorobutadiene	ND	0.500	"
Hexachlorocyclopentadiene	ND	5.00	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Isophorone	ND	5.00	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Phenol	ND	5.00	"
Pyrene	ND	0.0500	"
Pyridine	ND	5.00	"

Surrogate: 2-Fluorophenol	26.8	"	75.5	35.5	19.7-63.1
Surrogate: Phenol-d5	18.6	"	76.5	24.3	10.1-41.7
Surrogate: Nitrobenzene-d5	35.4	"	50.6	69.9	50.2-113
Surrogate: 2-Fluorobiphenyl	38.4	"	54.8	70.1	39.9-105
Surrogate: 2,4,6-Tribromophenol	62.6	"	76.0	82.4	39.3-151
Surrogate: Terphenyl-d14	25.7	"	53.0	48.4	30.7-106

Blank (BL70496-BLK2)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C											
LCS (BL70496-BS1)						Prepared: 12/12/2017 Analyzed: 12/13/2017					
1,2,4-Trichlorobenzene	16.7	5.00	ug/L	25.0		66.8	35-91				
1,2-Dichlorobenzene	16.0	5.00	"	25.0		64.0	42-85				
1,3-Dichlorobenzene	14.7	5.00	"	25.0		58.7	45-80				
1,4-Dichlorobenzene	16.5	5.00	"	25.0		66.1	42-82				
2,4,5-Trichlorophenol	16.5	5.00	"	25.0		66.0	36-112				
2,4,6-Trichlorophenol	17.1	5.00	"	25.0		68.3	41-107				
2,4-Dichlorophenol	18.2	5.00	"	25.0		72.9	43-92				
2,4-Dimethylphenol	16.8	5.00	"	25.0		67.4	25-92				
2,4-Dinitrophenol	14.4	5.00	"	25.0		57.4	10-149				
2,4-Dinitrotoluene	20.4	5.00	"	25.0		81.5	41-114				
2,6-Dinitrotoluene	20.2	5.00	"	25.0		81.0	49-106				
2-Chloronaphthalene	16.5	5.00	"	25.0		65.9	40-96				
2-Chlorophenol	15.2	5.00	"	25.0		60.9	35-84				
2-Methylnaphthalene	18.6	5.00	"	25.0		74.6	33-101				
2-Methylphenol	11.8	5.00	"	25.0		47.0	10-90				
2-Nitroaniline	19.6	5.00	"	25.0		78.2	31-122				
2-Nitrophenol	18.8	5.00	"	25.0		75.0	37-97				
3- & 4-Methylphenols	9.61	5.00	"	25.0		38.4	10-101				
3,3-Dichlorobenzidine	15.4	5.00	"	25.0		61.5	25-155				
3-Nitroaniline	14.4	5.00	"	25.0		57.4	29-128				
4,6-Dinitro-2-methylphenol	16.9	5.00	"	25.0		67.4	10-135				
4-Bromophenyl phenyl ether	18.0	5.00	"	25.0		71.8	38-116				
4-Chloro-3-methylphenol	17.0	5.00	"	25.0		68.0	28-101				
4-Chloroaniline	10.4	5.00	"	25.0		41.8	10-154				
4-Chlorophenyl phenyl ether	18.3	5.00	"	25.0		73.2	34-112				
4-Nitroaniline	18.1	5.00	"	25.0		72.4	15-143				
4-Nitrophenol	7.89	5.00	"	25.0		31.6	10-112				
Acenaphthene	18.4	0.0500	"	25.0		73.8	24-114				
Acenaphthylene	17.3	0.0500	"	25.0		69.2	26-112				
Aniline	3.76	5.00	"	25.0		15.0	10-107				
Anthracene	19.0	0.0500	"	25.0		75.8	35-114				
Benzo(a)anthracene	18.1	0.0500	"	25.0		72.3	38-127				
Benzo(a)pyrene	19.0	0.0500	"	25.0		76.0	30-146				
Benzo(b)fluoranthene	18.7	0.0500	"	25.0		74.7	36-145				
Benzo(g,h,i)perylene	19.5	0.0500	"	25.0		78.0	10-163				
Benzo(k)fluoranthene	20.1	0.0500	"	25.0		80.4	16-149				
Benzyl alcohol	9.85	5.00	"	25.0		39.4	18-75				
Benzyl butyl phthalate	18.2	5.00	"	25.0		72.7	28-129				
Bis(2-chloroethoxy)methane	18.0	5.00	"	25.0		72.0	27-112				
Bis(2-chloroethyl)ether	18.0	5.00	"	25.0		71.8	24-114				
Bis(2-chloroisopropyl)ether	14.6	5.00	"	25.0		58.2	21-124				
Bis(2-ethylhexyl)phthalate	17.9	0.500	"	25.0		71.8	10-171				
Chrysene	17.9	0.0500	"	25.0		71.6	33-120				
Dibenzo(a,h)anthracene	18.8	0.0500	"	25.0		75.2	10-149				
Dibenzofuran	17.5	5.00	"	25.0		70.2	42-105				
Diethyl phthalate	17.8	5.00	"	25.0		71.1	38-112				
Dimethyl phthalate	17.1	5.00	"	25.0		68.5	49-106				
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.8	36-110				
Di-n-octyl phthalate	19.0	5.00	"	25.0		75.9	12-149				
Fluoranthene	19.7	0.0500	"	25.0		78.6	33-126				
Fluorene	18.7	0.0500	"	25.0		74.8	28-117				



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C

LCS (BL70496-BS1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Hexachlorobenzene	15.7	0.0200	ug/L	25.0		62.6	27-120				
Hexachlorobutadiene	16.5	0.500	"	25.0		65.9	25-106				
Hexachlorocyclopentadiene	2.79	5.00	"	25.0		11.2	10-99				
Hexachloroethane	15.9	0.500	"	25.0		63.5	33-84				
Indeno(1,2,3-cd)pyrene	18.6	0.0500	"	25.0		74.2	10-150				
Isophorone	17.6	5.00	"	25.0		70.6	29-115				
Naphthalene	17.4	0.0500	"	25.0		69.5	30-99				
Nitrobenzene	15.4	0.250	"	25.0		61.6	32-113				
N-Nitrosodimethylamine	6.50	0.500	"	25.0		26.0	10-63				
N-nitroso-di-n-propylamine	14.7	5.00	"	25.0		59.0	36-118				
N-Nitrosodiphenylamine	20.9	5.00	"	25.0		83.7	27-145				
Pentachlorophenol	14.1	0.250	"	25.0		56.4	19-127				
Phenanthrene	19.0	0.0500	"	25.0		76.2	31-112				
Phenol	7.28	5.00	"	25.0		29.1	10-37				
Pyrene	18.0	0.0500	"	25.0		72.0	42-125				
Pyridine	3.11	5.00	"	25.0		12.4	10-46				
Surrogate: 2-Fluorophenol	28.0		"	75.5		37.1	19.7-63.1				
Surrogate: Phenol-d5	17.5		"	76.5		22.9	10.1-41.7				
Surrogate: Nitrobenzene-d5	36.9		"	50.6		72.9	50.2-113				
Surrogate: 2-Fluorobiphenyl	38.5		"	54.8		70.3	39.9-105				
Surrogate: 2,4,6-Tribromophenol	61.0		"	76.0		80.3	39.3-151				
Surrogate: Terphenyl-d14	26.4		"	53.0		49.8	30.7-106				

LCS (BL70496-BS2)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Acenaphthene	0.820	0.0500	ug/L	1.00		82.0	24-114				
Acenaphthylene	0.840	0.0500	"	1.00		84.0	26-112				
Anthracene	0.910	0.0500	"	1.00		91.0	35-114				
Benzo(a)anthracene	1.05	0.0500	"	1.00		105	38-127				
Benzo(a)pyrene	1.03	0.0500	"	1.00		103	30-146				
Benzo(b)fluoranthene	1.05	0.0500	"	1.00		105	36-145				
Benzo(g,h,i)perylene	1.03	0.0500	"	1.00		103	10-163				
Benzo(k)fluoranthene	0.950	0.0500	"	1.00		95.0	16-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Chrysene	0.920	0.0500	"	1.00		92.0	33-120				
Dibenzo(a,h)anthracene	0.980	0.0500	"	1.00		98.0	10-149				
Fluoranthene	1.05	0.0500	"	1.00		105	33-126				
Fluorene	0.880	0.0500	"	1.00		88.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.01	0.0500	"	1.00		101	10-150				
Naphthalene	0.870	0.0500	"	1.00		87.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.850	0.0500	"	1.00		85.0	31-112				
Pyrene	1.03	0.0500	"	1.00		103	42-125				



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C											
LCS Dup (BL70496-BSD1)						Prepared: 12/12/2017 Analyzed: 12/13/2017					
1,2,4-Trichlorobenzene	16.5	5.00	ug/L	25.0		66.0	35-91		1.26	20	
1,2-Dichlorobenzene	17.5	5.00	"	25.0		69.9	42-85		8.85	20	
1,3-Dichlorobenzene	16.1	5.00	"	25.0		64.3	45-80		9.04	20	
1,4-Dichlorobenzene	17.6	5.00	"	25.0		70.4	42-82		6.27	20	
2,4,5-Trichlorophenol	15.0	5.00	"	25.0		60.0	36-112		9.65	20	
2,4,6-Trichlorophenol	16.0	5.00	"	25.0		64.1	41-107		6.40	20	
2,4-Dichlorophenol	16.9	5.00	"	25.0		67.4	43-92		7.81	20	
2,4-Dimethylphenol	17.3	5.00	"	25.0		69.2	25-92		2.58	20	
2,4-Dinitrophenol	13.5	5.00	"	25.0		54.1	10-149		6.03	20	
2,4-Dinitrotoluene	20.2	5.00	"	25.0		80.7	41-114		0.937	20	
2,6-Dinitrotoluene	19.6	5.00	"	25.0		78.2	49-106		3.47	20	
2-Chloronaphthalene	15.5	5.00	"	25.0		62.1	40-96		6.00	20	
2-Chlorophenol	16.3	5.00	"	25.0		65.2	35-84		6.85	20	
2-Methylnaphthalene	18.6	5.00	"	25.0		74.4	33-101		0.322	20	
2-Methylphenol	12.8	5.00	"	25.0		51.4	10-90		8.94	20	
2-Nitroaniline	18.7	5.00	"	25.0		74.7	31-122		4.60	20	
2-Nitrophenol	18.5	5.00	"	25.0		73.8	37-97		1.61	20	
3- & 4-Methylphenols	10.6	5.00	"	25.0		42.4	10-101		9.89	20	
3,3-Dichlorobenzidine	15.8	5.00	"	25.0		63.2	25-155		2.63	20	
3-Nitroaniline	15.8	5.00	"	25.0		63.0	29-128		9.30	20	
4,6-Dinitro-2-methylphenol	16.9	5.00	"	25.0		67.6	10-135		0.178	20	
4-Bromophenyl phenyl ether	17.4	5.00	"	25.0		69.4	38-116		3.46	20	
4-Chloro-3-methylphenol	17.3	5.00	"	25.0		69.0	28-101		1.52	20	
4-Chloroaniline	11.4	5.00	"	25.0		45.7	10-154		8.97	20	
4-Chlorophenyl phenyl ether	17.0	5.00	"	25.0		68.2	34-112		7.13	20	
4-Nitroaniline	17.3	5.00	"	25.0		69.1	15-143		4.69	20	
4-Nitrophenol	7.56	5.00	"	25.0		30.2	10-112		4.27	20	
Acenaphthene	17.2	0.0500	"	25.0		68.8	24-114		7.02	20	
Acenaphthylene	16.0	0.0500	"	25.0		63.9	26-112		7.93	20	
Aniline	4.37	5.00	"	25.0		17.5	10-107		15.0	20	
Anthracene	18.9	0.0500	"	25.0		75.6	35-114		0.370	20	
Benzo(a)anthracene	19.6	0.0500	"	25.0		78.2	38-127		7.87	20	
Benzo(a)pyrene	20.5	0.0500	"	25.0		81.9	30-146		7.45	20	
Benzo(b)fluoranthene	19.7	0.0500	"	25.0		78.9	36-145		5.47	20	
Benzo(g,h,i)perylene	20.2	0.0500	"	25.0		80.7	10-163		3.38	20	
Benzo(k)fluoranthene	20.8	0.0500	"	25.0		83.2	16-149		3.47	20	
Benzyl alcohol	10.8	5.00	"	25.0		43.2	18-75		9.29	20	
Benzyl butyl phthalate	19.4	5.00	"	25.0		77.6	28-129		6.44	20	
Bis(2-chloroethoxy)methane	18.6	5.00	"	25.0		74.3	27-112		3.17	20	
Bis(2-chloroethyl)ether	18.9	5.00	"	25.0		75.6	24-114		5.15	20	
Bis(2-chloroisopropyl)ether	15.4	5.00	"	25.0		61.6	21-124		5.61	20	
Bis(2-ethylhexyl)phthalate	19.1	0.500	"	25.0		76.2	10-171		6.05	20	
Chrysene	19.0	0.0500	"	25.0		75.9	33-120		5.86	20	
Dibenzo(a,h)anthracene	19.6	0.0500	"	25.0		78.3	10-149		4.06	20	
Dibenzofuran	16.7	5.00	"	25.0		66.7	42-105		5.09	20	
Diethyl phthalate	17.4	5.00	"	25.0		69.8	38-112		1.87	20	
Dimethyl phthalate	16.5	5.00	"	25.0		65.9	49-106		3.87	20	
Di-n-butyl phthalate	18.5	5.00	"	25.0		73.9	36-110		0.162	20	
Di-n-octyl phthalate	20.0	5.00	"	25.0		80.0	12-149		5.24	20	
Fluoranthene	20.3	0.0500	"	25.0		81.3	33-126		3.30	20	
Fluorene	17.7	0.0500	"	25.0		70.6	28-117		5.72	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

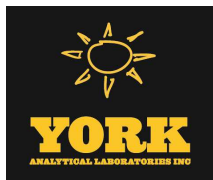
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BL70496 - EPA 3510C

LCS Dup (BL70496-BSD1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Hexachlorobenzene	15.9	0.0200	ug/L	25.0		63.6	27-120		1.52	20	
Hexachlorobutadiene	16.2	0.500	"	25.0		65.0	25-106		1.34	20	
Hexachlorocyclopentadiene	2.98	5.00	"	25.0		11.9	10-99		6.59	20	
Hexachloroethane	16.8	0.500	"	25.0		67.2	33-84		5.75	20	
Indeno(1,2,3-cd)pyrene	19.1	0.0500	"	25.0		76.5	10-150		3.03	20	
Isophorone	17.2	5.00	"	25.0		68.6	29-115		2.87	20	
Naphthalene	17.4	0.0500	"	25.0		69.5	30-99		0.0575	20	
Nitrobenzene	15.1	0.250	"	25.0		60.2	32-113		2.30	20	
N-Nitrosodimethylamine	7.08	0.500	"	25.0		28.3	10-63		8.54	20	
N-nitroso-di-n-propylamine	16.1	5.00	"	25.0		64.4	36-118		8.82	20	
N-Nitrosodiphenylamine	20.3	5.00	"	25.0		81.2	27-145		3.06	20	
Pentachlorophenol	14.8	0.250	"	25.0		59.4	19-127		5.11	20	
Phenanthrene	18.9	0.0500	"	25.0		75.8	31-112		0.527	20	
Phenol	7.78	5.00	"	25.0		31.1	10-37		6.64	20	
Pyrene	18.8	0.0500	"	25.0		75.0	42-125		4.03	20	
Pyridine	2.89	5.00	"	25.0		11.6	10-46		7.33	20	
Surrogate: 2-Fluorophenol	31.7		"	75.5		42.0	19.7-63.1				
Surrogate: Phenol-d5	21.9		"	76.5		28.7	10.1-41.7				
Surrogate: Nitrobenzene-d5	35.9		"	50.6		70.9	50.2-113				
Surrogate: 2-Fluorobiphenyl	34.9		"	54.8		63.6	39.9-105				
Surrogate: 2,4,6-Tribromophenol	60.3		"	76.0		79.3	39.3-151				
Surrogate: Terphenyl-d14	25.7		"	53.0		48.4	30.7-106				



Organochlorine Pesticides by GC/ECD - 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 BL70493 - EPA SW846-3510C Low Level

Blank (BL70493-BLK1)

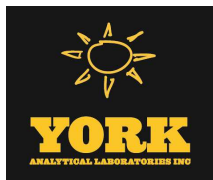
Prepared & Analyzed: 12/12/2017

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	0.138		"	0.200		68.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.155		"	0.200		77.5	30-150				

LCS (BL70493-BS1)

Prepared & Analyzed: 12/12/2017

4,4'-DDD	0.0825	0.00400	ug/L	0.100		82.5	40-140				
4,4'-DDE	0.0796	0.00400	"	0.100		79.6	40-140				
4,4'-DDT	0.0818	0.00400	"	0.100		81.8	40-140				
Aldrin	0.0680	0.00400	"	0.100		68.0	40-140				
alpha-BHC	0.0624	0.00400	"	0.100		62.4	40-140				
alpha-Chlordane	0.0671	0.00400	"	0.100		67.1	40-140				
beta-BHC	0.0761	0.00400	"	0.100		76.1	40-140				
delta-BHC	0.0425	0.00400	"	0.100		42.5	40-140				
Dieldrin	0.0760	0.00200	"	0.100		76.0	40-140				
Endosulfan I	0.0766	0.00400	"	0.100		76.6	40-140				
Endosulfan II	0.0754	0.00400	"	0.100		75.4	40-140				
Endosulfan sulfate	0.0698	0.00400	"	0.100		69.8	40-140				
Endrin	0.0780	0.00400	"	0.100		78.0	40-140				
Endrin aldehyde	0.0785	0.0100	"	0.100		78.5	40-140				
Endrin ketone	0.0851	0.0100	"	0.100		85.1	40-140				
gamma-BHC (Lindane)	0.0709	0.00400	"	0.100		70.9	40-140				
gamma-Chlordane	0.0636	0.0100	"	0.100		63.6	40-140				
Heptachlor	0.0692	0.00400	"	0.100		69.2	40-140				
Heptachlor epoxide	0.0725	0.00400	"	0.100		72.5	40-140				
Methoxychlor	0.0850	0.00400	"	0.100		85.0	40-140				
Surrogate: Decachlorobiphenyl	0.101		"	0.200		50.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.144		"	0.200		72.2	30-150				



Organochlorine Pesticides by GC/ECD - 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 BL70493 - EPA SW846-3510C Low Level

LCS Dup (BL70493-BSD1)

Prepared & Analyzed: 12/12/2017

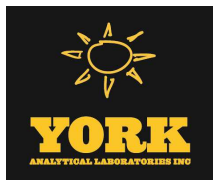
4,4'-DDD	0.0918	0.00400	ug/L	0.100		91.8	40-140		10.7	20
4,4'-DDE	0.0901	0.00400	"	0.100		90.1	40-140		12.3	20
4,4'-DDT	0.0926	0.00400	"	0.100		92.6	40-140		12.4	20
Aldrin	0.0722	0.00400	"	0.100		72.2	40-140		6.03	20
alpha-BHC	0.0664	0.00400	"	0.100		66.4	40-140		6.27	20
alpha-Chlordane	0.0736	0.00400	"	0.100		73.6	40-140		9.14	20
beta-BHC	0.0811	0.00400	"	0.100		81.1	40-140		6.32	20
delta-BHC	0.0466	0.00400	"	0.100		46.6	40-140		9.18	20
Dieldrin	0.0843	0.00200	"	0.100		84.3	40-140		10.4	20
Endosulfan I	0.0841	0.00400	"	0.100		84.1	40-140		9.24	20
Endosulfan II	0.0861	0.00400	"	0.100		86.1	40-140		13.2	20
Endosulfan sulfate	0.0811	0.00400	"	0.100		81.1	40-140		15.0	20
Endrin	0.0857	0.00400	"	0.100		85.7	40-140		9.39	20
Endrin aldehyde	0.0857	0.0100	"	0.100		85.7	40-140		8.73	20
Endrin ketone	0.0952	0.0100	"	0.100		95.2	40-140		11.1	20
gamma-BHC (Lindane)	0.0755	0.00400	"	0.100		75.5	40-140		6.24	20
gamma-Chlordane	0.0692	0.0100	"	0.100		69.2	40-140		8.35	20
Heptachlor	0.0722	0.00400	"	0.100		72.2	40-140		4.20	20
Heptachlor epoxide	0.0781	0.00400	"	0.100		78.1	40-140		7.44	20
Methoxychlor	0.0983	0.00400	"	0.100		98.3	40-140		14.5	20
Surrogate: Decachlorobiphenyl	0.127		"	0.200		63.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		"	0.200		80.5	30-150			

Batch Y7L1301 - BL70213

Performance Mix (Y7L1301-PEM1)

Prepared & Analyzed: 12/12/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200			
4,4'-DDE	0.454		"	0.00			0-200			
4,4'-DDT	109		"	200		54.4	0-200			
Endrin	78.0		"	100		78.0	0-200			
Endrin aldehyde	0.891		"	0.00			0-200			
Endrin ketone	3.86		"	0.00			0-200			



Organochlorine Pesticides by GC/ECD - 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 Y7L1301 - BL70213

Performance Mix (Y7L1301-PEM2)

Prepared & Analyzed: 12/12/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.721		"	0.00			0-200				
4,4'-DDT	119		"	200		59.5	0-200				
Endrin	83.0		"	100		83.0	0-200				
Endrin aldehyde	0.484		"	0.00			0-200				
Endrin ketone	3.32		"	0.00			0-200				



Polychlorinated Biphenyls by GC/ECD - 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 BL70493 - EPA SW846-3510C Low Level											
Blank (BL70493-BLK2)						Prepared & Analyzed: 12/12/2017					
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.166		"	0.200		83.0	30-120				
Surrogate: Decachlorobiphenyl	0.132		"	0.200		66.0	30-120				
LCS (BL70493-BS2)						Prepared & Analyzed: 12/12/2017					
Aroclor 1016	1.05	0.0500	ug/L	1.00		105	40-120				
Aroclor 1260	1.17	0.0500	"	1.00		117	40-120				
Surrogate: Tetrachloro-m-xylene	0.173		"	0.200		86.5	30-120				
Surrogate: Decachlorobiphenyl	0.160		"	0.200		80.0	30-120				
LCS Dup (BL70493-BSD2)						Prepared & Analyzed: 12/12/2017					
Aroclor 1016	1.07	0.0500	ug/L	1.00		107	40-120		1.82	30	
Aroclor 1260	1.14	0.0500	"	1.00		114	40-120		2.77	30	
Surrogate: Tetrachloro-m-xylene	0.167		"	0.200		83.5	30-120				
Surrogate: Decachlorobiphenyl	0.147		"	0.200		73.5	30-120				



Metals by ICP - 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 BL70508 - EPA 3015A

Blank (BL70508-BLK1)

Prepared & Analyzed: 12/12/2017

Aluminum	ND	0.0556	mg/L
Barium	ND	0.0111	"
Calcium	ND	0.0556	"
Chromium	ND	0.00556	"
Copper	0.00941	0.00333	"
Iron	ND	0.0222	"
Lead	ND	0.00556	"
Magnesium	ND	0.0556	"
Manganese	ND	0.00556	"
Nickel	ND	0.00556	"
Potassium	0.0733	0.0556	"
Silver	ND	0.00556	"
Sodium	0.252	0.111	"
Vanadium	ND	0.0111	"
Zinc	ND	0.0167	"

Reference (BL70508-SRM1)

Prepared & Analyzed: 12/12/2017

Aluminum	0.875	0.0556	mg/L	39.6-160.89
Barium	0.572	0.0111	"	72-129.1
Calcium	34.9	0.0556	"	73.9-126.9
Chromium	1.01	0.00556	"	68.2-132
Copper	0.383	0.00333	"	72.5-131.4
Iron	1.49	0.0222	"	36.4-163.9
Lead	0.727	0.00556	"	69.7-130.8
Magnesium	84.1	0.0556	"	64.6-135.1
Manganese	1.24	0.00556	"	73.9-126
Nickel	2.03	0.00556	"	70.3-129.7
Potassium	10.6	0.0556	"	60.3-140.1
Silver	0.677	0.00556	"	66.8-133.4
Sodium	24.5	0.111	"	59.2-141.1
Vanadium	1.85	0.0111	"	53.3-146.5
Zinc	1.73	0.0167	"	69.7-129.8



Metals by ICP - 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 BL70582 - EPA 3015A

Blank (BL70582-BLK1)

Prepared: 12/13/2017 Analyzed: 12/14/2017

Aluminum - Dissolved	ND	0.0556	mg/L
Barium - Dissolved	ND	0.0111	"
Calcium - Dissolved	ND	0.0556	"
Chromium - Dissolved	ND	0.00556	"
Copper - Dissolved	0.00993	0.00333	"
Iron - Dissolved	ND	0.0222	"
Lead - Dissolved	ND	0.00556	"
Magnesium - Dissolved	ND	0.0556	"
Manganese - Dissolved	ND	0.00556	"
Nickel - Dissolved	ND	0.00556	"
Potassium - Dissolved	0.140	0.0556	"
Silver - Dissolved	ND	0.00556	"
Sodium - Dissolved	0.911	0.111	"
Vanadium - Dissolved	ND	0.0111	"
Zinc - Dissolved	ND	0.0167	"

Reference (BL70582-SRM1)

Prepared: 12/13/2017 Analyzed: 12/14/2017

Aluminum - Dissolved	0.780	ug/mL	0.720	108	81.4-117.2
Barium - Dissolved	0.461	"	0.500	92.2	85-115
Calcium - Dissolved	30.3	"	33.0	91.8	86.5-114.3
Chromium - Dissolved	0.802	"	0.860	93.2	85-115
Copper - Dissolved	0.310	"	0.320	97.0	85-115
Iron - Dissolved	1.36	"	1.40	97.5	84.9-115
Lead - Dissolved	0.629	"	0.640	98.3	85-115
Magnesium - Dissolved	73.0	"	80.1	91.1	86.3-114.8
Manganese - Dissolved	0.998	"	1.02	97.9	84.9-115
Nickel - Dissolved	1.64	"	1.78	92.2	87-113.7
Potassium - Dissolved	9.03	"	10.3	87.7	84.9-115
Silver - Dissolved	0.529	"	0.600	88.2	85-115
Sodium - Dissolved	22.1	"	22.7	97.3	85-115
Vanadium - Dissolved	1.51	"	1.66	91.0	85-114.9
Zinc - Dissolved	1.39	"	1.62	86.0	84.9-115



Metals by ICP/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 BL70654 - EPA 3015A

Blank (BL70654-BLK1)

Prepared & Analyzed: 12/14/2017

Antimony - Dissolved	ND	1.11	ug/L
Arsenic - Dissolved	ND	1.11	"
Beryllium - Dissolved	ND	0.111	"
Cadmium - Dissolved	ND	0.556	"
Molybdenum - Dissolved	ND	1.11	"
Selenium - Dissolved	ND	1.11	"
Thallium - Dissolved	ND	1.11	"

LCS (BL70654-BS1)

Prepared & Analyzed: 12/14/2017

Antimony - Dissolved	38.2	ug/L	50.0	76.4	80-120	Low Bias
Arsenic - Dissolved	44.6	"	50.0	89.1	80-120	
Beryllium - Dissolved	51.4	"	50.0	103	80-120	
Cadmium - Dissolved	40.1	"	50.0	80.2	80-120	
Molybdenum - Dissolved	52.9	"	50.0	106	80-120	
Selenium - Dissolved	37.2	"	50.0	74.3	80-120	Low Bias
Thallium - Dissolved	46.8	"	50.0	93.6	80-120	

Duplicate (BL70654-DUP1)

*Source sample: 17L0398-01 (MW-1)

Prepared & Analyzed: 12/14/2017

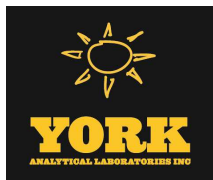
Antimony - Dissolved	ND	1.11	ug/L	ND	20
Arsenic - Dissolved	ND	1.11	"	ND	20
Beryllium - Dissolved	ND	0.111	"	ND	20
Cadmium - Dissolved	ND	0.556	"	ND	20
Molybdenum - Dissolved	37.4	1.11	"	37.0	1.05 20
Selenium - Dissolved	4.29	1.11	"	5.11	17.4 20
Thallium - Dissolved	ND	1.11	"	ND	20

Matrix Spike (BL70654-MS1)

*Source sample: 17L0398-01 (MW-1)

Prepared & Analyzed: 12/14/2017

Antimony - Dissolved	38.9	ug/L	50.0	0.188	77.4	75-125
Arsenic - Dissolved	44.0	"	50.0	0.103	87.7	75-125
Beryllium - Dissolved	41.3	"	50.0	-0.005	82.5	75-125
Cadmium - Dissolved	38.6	"	50.0	0.074	77.1	75-125
Molybdenum - Dissolved	93.2	"	50.0	33.3	120	75-125
Selenium - Dissolved	40.2	"	50.0	4.60	71.2	75-125 Low Bias
Thallium - Dissolved	49.9	"	50.0	0.0009	99.8	75-125



Metals by ICP/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 BL70655 - EPA 3015A

Blank (BL70655-BLK1)

Prepared & Analyzed: 12/14/2017

Antimony	ND	1.11	ug/L
Arsenic	ND	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Molybdenum	ND	1.11	"
Selenium	ND	1.11	"
Thallium	ND	1.11	"

LCS (BL70655-BS1)

Prepared & Analyzed: 12/14/2017

Antimony	42.3	ug/L	50.0	84.6	80-120	
Arsenic	39.2	"	50.0	78.4	80-120	Low Bias
Beryllium	56.8	"	50.0	114	80-120	
Cadmium	44.3	"	50.0	88.5	80-120	
Molybdenum	62.7	"	50.0	125	80-120	High Bias
Selenium	32.5	"	50.0	65.1	80-120	Low Bias
Thallium	60.2	"	50.0	120	80-120	

Duplicate (BL70655-DUP1)

*Source sample: 17L0398-06 (Field Blank)

Prepared & Analyzed: 12/14/2017

Antimony	ND	1.11	ug/L	ND	20
Arsenic	ND	1.11	"	ND	20
Beryllium	ND	0.333	"	ND	20
Cadmium	ND	0.556	"	ND	20
Molybdenum	ND	1.11	"	ND	20
Selenium	ND	1.11	"	ND	20
Thallium	ND	1.11	"	ND	20

Matrix Spike (BL70655-MS1)

*Source sample: 17L0398-06 (Field Blank)

Prepared & Analyzed: 12/14/2017

Antimony	38.4	ug/L	50.0	-0.030	76.7	75-125
Arsenic	38.7	"	50.0	-0.072	77.5	75-125
Beryllium	46.4	"	50.0	-0.013	92.9	75-125
Cadmium	39.8	"	50.0	-0.002	79.7	75-125
Molybdenum	56.2	"	50.0	0.020	112	75-125
Selenium	32.8	"	50.0	0.368	65.0	75-125
Thallium	54.9	"	50.0	-0.100	110	75-125



Mercury by EPA 7000/200 Series Methods - 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 BL70544 - EPA SW846-7470

Blank (BL70544-BLK1)

Prepared & Analyzed: 12/13/2017

Mercury - Dissolved ND 0.0002 mg/L

LCS (BL70544-BS1)

Prepared & Analyzed: 12/13/2017

Mercury - Dissolved 0.0020 0.0002 mg/L 0.00200 101 80-120

LCS (BL70544-BS2)

Prepared & Analyzed: 12/13/2017

Mercury - Dissolved 0.0020 0.0002 mg/L 0.00200 99.2 80-120

Batch BL70545 - EPA SW846-7470

Blank (BL70545-BLK1)

Prepared & Analyzed: 12/13/2017

Mercury ND 0.0002 mg/L

LCS (BL70545-BS1)

Prepared & Analyzed: 12/13/2017

Mercury 0.001997 0.0002 mg/L 0.00200 99.8 80-120

LCS (BL70545-BS2)

Prepared & Analyzed: 12/13/2017

Mercury 0.002189 0.0002 mg/L 0.00200 109 80-120



Wet Chemistry Parameters - 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 BL70478 - Analysis Preparation											
Blank (BL70478-BLK1)								Prepared & Analyzed: 12/11/2017			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BL70478-BS1)								Prepared & Analyzed: 12/11/2017			
Chromium, Hexavalent	0.477	0.0100	mg/L	0.500		95.4	80-120				
Duplicate (BL70478-DUP1)								Prepared & Analyzed: 12/11/2017			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BL70478-MS1)								Prepared & Analyzed: 12/11/2017			
Chromium, Hexavalent	0.497	0.0100	mg/L	0.500	ND	99.4	75-125				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17L0398-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0398-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0398-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0398-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0398-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0398-06	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0398-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

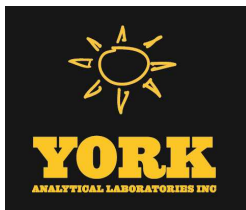
Certification for pH is no longer offered by NYDOH ELAP.



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

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

Corrective Action: Client did not submit sample volume for Sample Field Blank to run 8270 or Pest/PCB



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue

Brooklyn NY, 11225

Attention: Komal Dixit

Report Date: 12/14/2017

Client Project ID: 170313: 37-11 30th + 30-14 37 Ave.

York Project (SDG) No.: 17L0337

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Komal Dixit

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 December 08, 2017 and listed below. The project was identified as your project: **170313: 37-11 30th + 30-14 37 Ave..**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17L0337-01	SP-1 (0'-2')	Soil	12/06/2017	12/08/2017
17L0337-02	SP-1 (15'-17')	Soil	12/06/2017	12/08/2017
17L0337-03	SP-2 (0'-2')	Soil	12/06/2017	12/08/2017
17L0337-04	SP-2 (15'-17')	Soil	12/06/2017	12/08/2017
17L0337-05	SP-3 (0'-2')	Soil	12/06/2017	12/08/2017
17L0337-06	SP-3 (15'-17')	Soil	12/06/2017	12/08/2017
17L0337-07	SP-4 (0'-2')	Soil	12/06/2017	12/08/2017
17L0337-08	SP-4 (15'-17')	Soil	12/06/2017	12/08/2017
17L0337-09	SP-5 (0'-2')	Soil	12/06/2017	12/08/2017
17L0337-10	SP-5 (15'-17')	Soil	12/06/2017	12/08/2017
17L0337-11	SP-6 (0'-2')	Soil	12/06/2017	12/08/2017
17L0337-12	SP-6 (15'-17')	Soil	12/06/2017	12/08/2017
17L0337-13	SP-7 (0'-2')	Soil	12/07/2017	12/08/2017
17L0337-14	SP-7 (15'-17')	Soil	12/07/2017	12/08/2017
17L0337-15	SP-8 (0'-2')	Soil	12/07/2017	12/08/2017
17L0337-16	SP-8 (15'-17')	Soil	12/07/2017	12/08/2017
17L0337-17	SP-9 (0'-2')	Soil	12/07/2017	12/08/2017
17L0337-18	SP-9 (15'-17')	Soil	12/07/2017	12/08/2017
17L0337-19	Field Blank	Water	12/07/2017	12/08/2017
17L0337-20	Trip Blank	Water	12/07/2017	12/08/2017

General Notes for York Project (SDG) No.: 17L0337

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/14/2017





Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 2:05 pm

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 16:41	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 16:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	79	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 16:41	SR
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
67-64-1	Acetone	14	J	ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
71-43-2	Benzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
108-86-1	Bromobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-09-2	Methylene chloride	25		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
91-20-3	Naphthalene	ND		ug/kg dry	3.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
100-42-5	Styrene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
108-88-3	Toluene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 16:41	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 16:41	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.3 %	77-125								
2037-26-5	Surrogate: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %	76-130								



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 2:05 pm

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.1	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.1	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.1	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.1	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.1	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.1	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
83-32-9	Acenaphthene	66.2	J	ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
208-96-8	Acenaphthylene	49.1	J	ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
62-53-3	Aniline	ND		ug/kg dry	178	357	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
120-12-7	Anthracene	192		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
56-55-3	Benzo(a)anthracene	638		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
50-32-8	Benzo(a)pyrene	649		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
205-99-2	Benzo(b)fluoranthene	531		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
191-24-2	Benzo(g,h,i)perylene	388		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
207-08-9	Benzo(k)fluoranthene	542		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	204	B	ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
218-01-9	Chrysene	645		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
53-70-3	Dibenzo(a,h)anthracene	127		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
206-44-0	Fluoranthene	1450		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
86-73-7	Fluorene	56.2	J	ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	342		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
78-59-1	Isophorone	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
85-01-8	Phenanthrene	959		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
108-95-2	Phenol	ND		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
129-00-0	Pyrene	1170		ug/kg dry	44.6	89.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
110-86-1	Pyridine	ND		ug/kg dry	178	357	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 16:55	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	67.3 %	20-108								
4165-62-2	Surrogate: Phenol-d5	87.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	84.6 %	22-108								



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	78.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	60.3 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
309-00-2	Aldrin	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 15:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	52.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 15:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
72-20-8	Endrin	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 15:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	13.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	133	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:44	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	133 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	132 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 22:44	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0266	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 22:44	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %								
2051-24-3	Surrogate: Decachlorobiphenyl	87.0 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7830		mg/kg dry	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-36-0	Antimony	0.843		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:05 pm

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.56		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-39-3	Barium	102		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-70-2	Calcium	25200		mg/kg dry	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-47-3	Chromium	14.2		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-48-4	Cobalt	5.77		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-50-8	Copper	49.5	B	mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7439-89-6	Iron	12200		mg/kg dry	2.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7439-92-1	Lead	203		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7439-95-4	Magnesium	4470		mg/kg dry	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7439-96-5	Manganese	285		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-02-0	Nickel	17.2		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-09-7	Potassium	442		mg/kg dry	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7782-49-2	Selenium	1.70		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-23-5	Sodium	71.3		mg/kg dry	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-62-2	Vanadium	28.9		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML
7440-66-6	Zinc	142		mg/kg dry	1.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:05	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-1 (0'-2')

York Sample ID: 17L0337-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 2:05 pm

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.19		mg/kg dry	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 19:07	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.6		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.534	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:11	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.2		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 2:25 pm

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:12	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:12	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

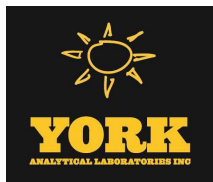
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	7.8	J	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
108-86-1	Bromobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-09-2	Methylene chloride	5.5	J	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	1.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

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12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:12	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:12	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.0 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 2:25 pm

12/08/2017

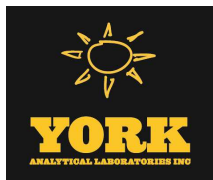
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
62-53-3	Aniline	ND		ug/kg dry	173	345	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
120-12-7	Anthracene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	62.0	B, J	ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
218-01-9	Chrysene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
86-73-7	Fluorene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
78-59-1	Isophorone	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
108-95-2	Phenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
129-00-0	Pyrene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
110-86-1	Pyridine	ND		ug/kg dry	173	345	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:27	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	76.9 %	20-108								
4165-62-2	Surrogate: Phenol-d5	90.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	94.2 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	87.1 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.4 %	19-110								



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	67.5 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
309-00-2	Aldrin	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 15:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	48.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 15:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
72-20-8	Endrin	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 15:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	12.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	124	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 15:59	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	134 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	134 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:32	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0247	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 23:32	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	98.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	88.5 %								

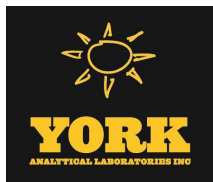
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2810		mg/kg dry	5.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-36-0	Antimony	ND		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-38-2	Arsenic	ND		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML



Sample Information

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

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12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	20.3		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.103	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.310	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-70-2	Calcium	27800		mg/kg dry	5.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-47-3	Chromium	7.44		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-48-4	Cobalt	3.53		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-50-8	Copper	9.18	B	mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7439-89-6	Iron	5880		mg/kg dry	2.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7439-92-1	Lead	3.48		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7439-95-4	Magnesium	15300		mg/kg dry	5.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7439-96-5	Manganese	133		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-02-0	Nickel	7.80		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-09-7	Potassium	833		mg/kg dry	5.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7782-49-2	Selenium	ND		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-22-4	Silver	ND		mg/kg dry	0.517	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-23-5	Sodium	80.9		mg/kg dry	10.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-62-2	Vanadium	8.44		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML
7440-66-6	Zinc	18.5		mg/kg dry	1.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:33	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-1 (15'-17')

York Sample ID: 17L0337-02

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 2:25 pm

Date Received

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0578		mg/kg dry	0.0310	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 16:41	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.517	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:11	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	7.44		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

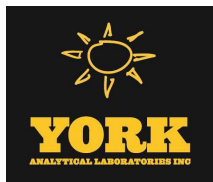
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:43	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 17:43	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
67-64-1	Acetone	9.2	J	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR
75-09-2	Methylene chloride	18		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 17:43	SR

Sample Information

Client Sample ID: **SP-2 (0'-2')**

York Sample ID: 17L0337-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 1:20 pm

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications:	12/12/2017 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 17:43	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 17:43	SR

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	77-125
2037-26-5	Surrogate: Toluene-d8	101 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	76-130

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

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STRATFORD, CT 06615
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ClientServices@ [REDACTED] Page 2



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH



Sample Information

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York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
62-53-3	Aniline	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
120-12-7	Anthracene	62.7	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
56-55-3	Benzo(a)anthracene	217		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
50-32-8	Benzo(a)pyrene	233		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
205-99-2	Benzo(b)fluoranthene	218		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
191-24-2	Benzo(g,h,i)perylene	154		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
207-08-9	Benzo(k)fluoranthene	195		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	52.5	B, J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
218-01-9	Chrysene	216		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
53-70-3	Dibenzo(a,h)anthracene	69.2	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
206-44-0	Fluoranthene	472		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
86-73-7	Fluorene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	152		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
78-59-1	Isophorone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
85-01-8	Phenanthrene	324		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
129-00-0	Pyrene	368		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
110-86-1	Pyridine	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 17:59	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	59.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	81.8 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	82.8 %	22-108								



Sample Information

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	77.1 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	51.3 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	62.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
309-00-2	Aldrin	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 16:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	53.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 16:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
72-20-8	Endrin	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 16:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	13.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	134	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:44	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	144 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	142 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 23:56	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0267	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 23:56	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	99.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	89.0 %								

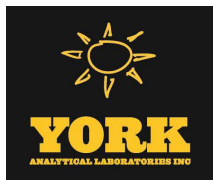
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8850		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-36-0	Antimony	76.9		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:20 pm

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.44		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-39-3	Barium	83.4		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-70-2	Calcium	6330		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-47-3	Chromium	15.4		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-48-4	Cobalt	8.26		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-50-8	Copper	25.1	B	mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7439-89-6	Iron	15400		mg/kg dry	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7439-92-1	Lead	2900		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7439-95-4	Magnesium	2640		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7439-96-5	Manganese	587		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-02-0	Nickel	18.2		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-09-7	Potassium	717		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-23-5	Sodium	62.7		mg/kg dry	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-62-2	Vanadium	23.7		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML
7440-66-6	Zinc	93.5		mg/kg dry	1.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:38	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-2 (0'-2')

York Sample ID: 17L0337-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 1:20 pm

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.138		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 16:49	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.2		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.548	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	15.4		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 1:50 pm

12/08/2017

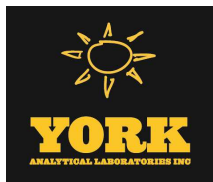
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

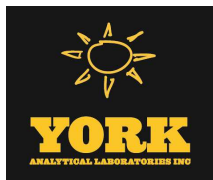
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:14	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:14	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	29	58	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:14	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	3.4	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
71-43-2	Benzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-25-2	Bromoform	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
67-66-3	Chloroform	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-09-2	Methylene chloride	4.7	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
91-20-3	Naphthalene	ND		ug/kg dry	1.5	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

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Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
100-42-5	Styrene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
108-88-3	Toluene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:14	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:14	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
62-53-3	Aniline	ND		ug/kg dry	172	344	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
120-12-7	Anthracene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
218-01-9	Chrysene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

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Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

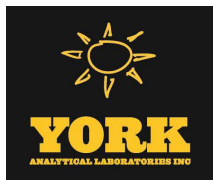
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
86-73-7	Fluorene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
78-59-1	Isophorone	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
108-95-2	Phenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
129-00-0	Pyrene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
110-86-1	Pyridine	ND		ug/kg dry	172	344	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 18:31	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	78.3 %	20-108								
4165-62-2	Surrogate: Phenol-d5	87.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	91.9 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	80.0 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	101 %	19-110								



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	63.2 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
309-00-2	Aldrin	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 16:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	50.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 16:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
72-20-8	Endrin	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 16:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	12.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	127	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:59	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	129 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	124 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:20	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0254	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 00:20	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	93.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	85.5 %								

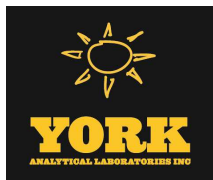
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3960		mg/kg dry	5.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-36-0	Antimony	0.518		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-38-2	Arsenic	ND		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	23.8		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.103	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.310	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-70-2	Calcium	2660		mg/kg dry	5.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-47-3	Chromium	10.6		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-48-4	Cobalt	5.10		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-50-8	Copper	14.5	B	mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7439-89-6	Iron	7510		mg/kg dry	2.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7439-92-1	Lead	5.68		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7439-95-4	Magnesium	2900		mg/kg dry	5.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7439-96-5	Manganese	197		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-02-0	Nickel	10.0		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-09-7	Potassium	586		mg/kg dry	5.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7782-49-2	Selenium	ND		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-22-4	Silver	ND		mg/kg dry	0.516	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-23-5	Sodium	103		mg/kg dry	10.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-62-2	Vanadium	11.3		mg/kg dry	1.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML
7440-66-6	Zinc	42.2		mg/kg dry	1.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:46	BML

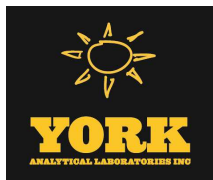
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-2 (15'-17')

York Sample ID: 17L0337-04

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 1:50 pm

Date Received

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 16:58	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.516	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	10.6		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

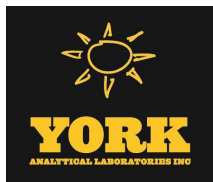
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:45	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:45	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	89	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 18:45	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
67-64-1	Acetone	31		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR
75-09-2	Methylene chloride	7.3	J	ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 18:45	SR



York Sample ID: 17L0337-05

Date Received
12/08/2017

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications:	12/12/2017 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 18:45	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 18:45	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125
2037-26-5	Surrogate: Toluene-d8	104 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	91.7 %	76-130

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

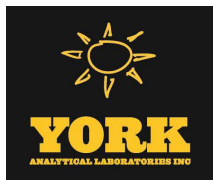
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
62-53-3	Aniline	ND		ug/kg dry	191	381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
120-12-7	Anthracene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
218-01-9	Chrysene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

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Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

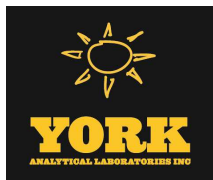
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
86-73-7	Fluorene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
108-95-2	Phenol	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
129-00-0	Pyrene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
110-86-1	Pyridine	ND		ug/kg dry	191	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:03	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	59.8 %	20-108								
4165-62-2	Surrogate: Phenol-d5	79.0 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	75.1 %	22-108								



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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December 6, 2017 12:05 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	70.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.7 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	56.5 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
309-00-2	Aldrin	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	55.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 17:14	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
72-20-8	Endrin	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:05 pm

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	13.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	140	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:14	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	131 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	117 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 00:44	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0279	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 00:44	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	89.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	83.5 %								

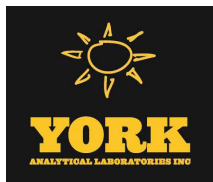
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9660		mg/kg dry	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-36-0	Antimony	0.670		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML



Sample Information

Client Sample ID: SP-3 (0'-2')

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Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.62		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-39-3	Barium	37.5		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-70-2	Calcium	98700		mg/kg dry	57.2	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/14/2017 12:14	BML
7440-47-3	Chromium	15.4		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-48-4	Cobalt	5.29		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-50-8	Copper	8.41	B	mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7439-89-6	Iron	12400		mg/kg dry	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7439-92-1	Lead	12.9		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7439-95-4	Magnesium	15300		mg/kg dry	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7439-96-5	Manganese	174		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-02-0	Nickel	12.3		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-09-7	Potassium	589		mg/kg dry	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7782-49-2	Selenium	1.76		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-23-5	Sodium	222		mg/kg dry	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-62-2	Vanadium	20.0		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML
7440-66-6	Zinc	32.1		mg/kg dry	1.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:51	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 17L0337-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 12:05 pm

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0642		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:07	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.572	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	15.4		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 12:20 pm

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:16	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	82	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:16	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

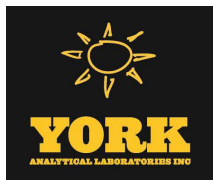
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	7.5	J	ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-09-2	Methylene chloride	10		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:16	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:16	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %	77-125								
2037-26-5	Surrogate: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
62-53-3	Aniline	ND		ug/kg dry	174	347	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
120-12-7	Anthracene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
218-01-9	Chrysene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
86-73-7	Fluorene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
78-59-1	Isophorone	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
108-95-2	Phenol	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
129-00-0	Pyrene	ND		ug/kg dry	43.4	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
110-86-1	Pyridine	ND		ug/kg dry	174	347	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 19:34	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	67.0 %	20-108								
4165-62-2	Surrogate: Phenol-d5	82.9 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	84.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	78.7 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	24.6 %	19-110								



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	60.9 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
309-00-2	Aldrin	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:29	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
57-74-9	Chlordane, total	ND		ug/kg dry	50.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 17:29	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
72-20-8	Endrin	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:29	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.
17L0337

Client Project ID
170313: 37-11 30th + 30-14 37 Ave.

Matrix
Soil

Collection Date/Time
December 6, 2017 12:20 pm

Date Received
12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	12.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
8001-35-2	Toxaphene	ND		ug/kg dry	128	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:29	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	131 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	130 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:08	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0256	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 01:08	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	93.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	88.5 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4600		mg/kg dry	5.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-36-0	Antimony	ND		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-38-2	Arsenic	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 12:20 pm

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	26.8		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-70-2	Calcium	9680		mg/kg dry	5.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-47-3	Chromium	12.3		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-48-4	Cobalt	4.77		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-50-8	Copper	16.2	B	mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7439-89-6	Iron	7940		mg/kg dry	2.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7439-92-1	Lead	5.41		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7439-95-4	Magnesium	4690		mg/kg dry	5.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7439-96-5	Manganese	241		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-02-0	Nickel	11.6		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-09-7	Potassium	732		mg/kg dry	5.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7782-49-2	Selenium	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-22-4	Silver	ND		mg/kg dry	0.520	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-23-5	Sodium	124		mg/kg dry	10.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-62-2	Vanadium	11.7		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML
7440-66-6	Zinc	38.1		mg/kg dry	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 20:56	BML

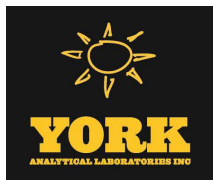
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-3 (15'-17')

York Sample ID: 17L0337-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 12:20 pm

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:15	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.2		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.520	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.3		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 11:00 am

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

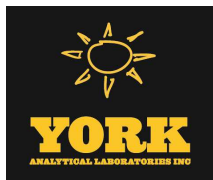
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:47	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 19:47	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
67-64-1	Acetone	9.8	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR
75-09-2	Methylene chloride	12		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 19:47	SR



York Sample ID: 17L0337-07

Date Received
12/08/2017

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	12/12/2017 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 19:47	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	12/12/2017 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 19:47	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125
2037-26-5	Surrogate: Toluene-d8	103 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	90.3 %	76-130

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 11:00 am

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
62-53-3	Aniline	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
120-12-7	Anthracene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
56-55-3	Benzo(a)anthracene	122		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
50-32-8	Benzo(a)pyrene	134		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
205-99-2	Benzo(b)fluoranthene	106		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
191-24-2	Benzo(g,h,i)perylene	81.8	J	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
207-08-9	Benzo(k)fluoranthene	119		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
218-01-9	Chrysene	135		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
206-44-0	Fluoranthene	305		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
86-73-7	Fluorene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	80.3	J	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
78-59-1	Isophorone	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
85-01-8	Phenanthrene	211		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
108-95-2	Phenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
129-00-0	Pyrene	223		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
110-86-1	Pyridine	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:06	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	85.0 %	20-108								
4165-62-2	Surrogate: Phenol-d5	94.6 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	96.3 %	22-108								



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	85.7 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	101 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	66.0 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
309-00-2	Aldrin	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	57.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 17:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
72-20-8	Endrin	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	14.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	145	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:44	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	122 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	118 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:33	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0289	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 01:33	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	91.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %								

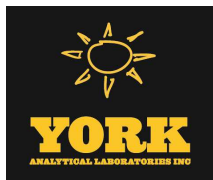
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	15200		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-36-0	Antimony	ND		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:00 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

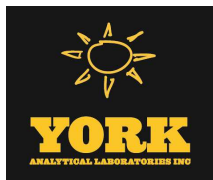
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.58		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-39-3	Barium	90.6		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-43-9	Cadmium	0.935		mg/kg dry	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-70-2	Calcium	7710		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-47-3	Chromium	22.5		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-48-4	Cobalt	8.14		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-50-8	Copper	46.3	B	mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7439-89-6	Iron	21100		mg/kg dry	2.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7439-92-1	Lead	176		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7439-95-4	Magnesium	2250		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7439-96-5	Manganese	300		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-02-0	Nickel	20.5		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-09-7	Potassium	730		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7782-49-2	Selenium	2.81		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-23-5	Sodium	231		mg/kg dry	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-62-2	Vanadium	28.3		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML
7440-66-6	Zinc	416		mg/kg dry	1.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:01	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-4 (0'-2')

York Sample ID: 17L0337-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 11:00 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.345		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:24	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.7		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.590	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:11	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	22.5		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 11:25 am

12/08/2017

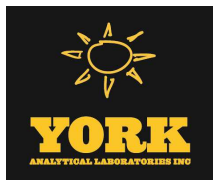
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR



Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:25 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:19	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:19	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	29	58	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:19	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR



Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

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December 6, 2017 11:25 am

Date Received

12/08/2017

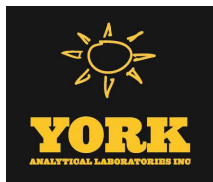
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
71-43-2	Benzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-25-2	Bromoform	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
67-66-3	Chloroform	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-09-2	Methylene chloride	5.4	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
91-20-3	Naphthalene	ND		ug/kg dry	1.4	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR



Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

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December 6, 2017 11:25 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
100-42-5	Styrene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
108-88-3	Toluene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.4	2.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:19	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:19	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	88.8 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH



Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:25 am

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH



Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:25 am

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
83-32-9	Acenaphthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
62-53-3	Aniline	ND		ug/kg dry	170	341	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
120-12-7	Anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
218-01-9	Chrysene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH



Sample Information

Client Sample ID: SP-4 (15'-17')

York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 6, 2017 11:25 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
86-73-7	Fluorene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
78-59-1	Isophorone	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
108-95-2	Phenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
129-00-0	Pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
110-86-1	Pyridine	ND		ug/kg dry	170	341	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 20:38	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	37.5 %	20-108								
4165-62-2	Surrogate: Phenol-d5	88.2 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	94.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	86.8 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	21.9 %	19-110								



Sample Information

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Soil

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December 6, 2017 11:25 am

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	66.7 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
309-00-2	Aldrin	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	50.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 17:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
72-20-8	Endrin	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 17:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA



Sample Information

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York Sample ID: 17L0337-08

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 11:25 am

Date Received

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	12.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	128	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:59	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	145 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	112 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 01:57	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 01:57	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	87.5 %		30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3820		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-36-0	Antimony	ND		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-38-2	Arsenic	1.89		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML



Sample Information

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Matrix

Soil

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12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	27.1		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.102	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-70-2	Calcium	17100		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-47-3	Chromium	14.6		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-48-4	Cobalt	4.24		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-50-8	Copper	14.3	B	mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7439-89-6	Iron	6840		mg/kg dry	2.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7439-92-1	Lead	5.30		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7439-95-4	Magnesium	6310		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7439-96-5	Manganese	214		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-02-0	Nickel	12.6		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-09-7	Potassium	596		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7782-49-2	Selenium	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-23-5	Sodium	127		mg/kg dry	10.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-28-0	Thallium	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-62-2	Vanadium	11.2		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML
7440-66-6	Zinc	32.3		mg/kg dry	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:06	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-4 (15'-17')

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17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 11:25 am

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:32	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	98.0		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	1.67		mg/kg dry	0.510	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.9		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:30 am

12/08/2017

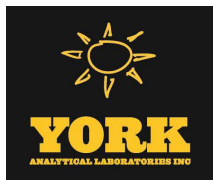
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:30 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:50	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	68	140	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 20:50	SR
78-93-3	2-Butanone	13		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:30 am

Date Received

12/08/2017

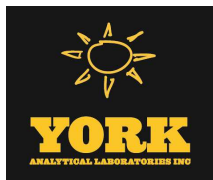
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
67-64-1	Acetone	84		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
71-43-2	Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
108-86-1	Bromobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-25-2	Bromoform	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
74-83-9	Bromomethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-00-3	Chloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
74-87-3	Chloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR
75-09-2	Methylene chloride	25		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 20:50	SR



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

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17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:30 am

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.3	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
62-53-3	Aniline	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
120-12-7	Anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
218-01-9	Chrysene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 6, 2017 10:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
206-44-0	Fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
86-73-7	Fluorene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
78-59-1	Isophorone	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
85-01-8	Phenanthrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
108-95-2	Phenol	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
129-00-0	Pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
110-86-1	Pyridine	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:10	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	72.5 %	20-108								
4165-62-2	Surrogate: Phenol-d5	85.2 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	85.2 %	22-108								



Sample Information

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York Sample ID: 17L0337-09

York Project (SDG) No.

17L0337

Client Project ID

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December 6, 2017 10:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	76.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	105 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	61.8 %			24-116						

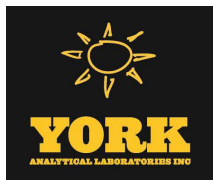
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
309-00-2	Aldrin	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 18:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	56.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 18:14	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
72-20-8	Endrin	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 18:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.

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Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

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December 6, 2017 10:30 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	14.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	144	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:14	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	140 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:21	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 02:21	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	75.5 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8980		mg/kg dry	5.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-36-0	Antimony	ND		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML



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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.47		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-39-3	Barium	30.7		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-70-2	Calcium	646		mg/kg dry	5.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-47-3	Chromium	12.0		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-48-4	Cobalt	7.15		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-50-8	Copper	13.3	B	mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7439-89-6	Iron	13500		mg/kg dry	2.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7439-92-1	Lead	15.4		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7439-95-4	Magnesium	2550		mg/kg dry	5.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7439-96-5	Manganese	292		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-02-0	Nickel	19.0		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-09-7	Potassium	823		mg/kg dry	5.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7782-49-2	Selenium	1.36		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-23-5	Sodium	32.2		mg/kg dry	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-62-2	Vanadium	17.7		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML
7440-66-6	Zinc	121		mg/kg dry	1.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:11	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 17L0337-09

York Project (SDG) No.
17L0337

Client Project ID
170313: 37-11 30th + 30-14 37 Ave.

Matrix
Soil

Collection Date/Time
December 6, 2017 10:30 am

Date Received
12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0355	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:41	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:47	12/11/2017 14:08	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.591	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.0		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.
17L0337

Client Project ID
170313: 37-11 30th + 30-14 37 Ave.

Matrix
Soil

Collection Date/Time
December 6, 2017 10:40 am

Date Received
12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

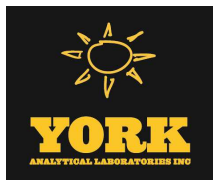
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:21	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:21	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	34	69	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:21	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
71-43-2	Benzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
108-86-1	Bromobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-09-2	Methylene chloride	13		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
91-20-3	Naphthalene	ND		ug/kg dry	1.7	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
100-42-5	Styrene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
108-88-3	Toluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:21	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:21	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	90.6 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
83-32-9	Acenaphthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
62-53-3	Aniline	ND		ug/kg dry	170	341	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
120-12-7	Anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
218-01-9	Chrysene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
86-73-7	Fluorene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
78-59-1	Isophorone	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
108-95-2	Phenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
129-00-0	Pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
110-86-1	Pyridine	ND		ug/kg dry	170	341	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 21:42	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	76.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	91.8 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	89.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	83.1 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	94.8 %	19-110								



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	62.2 %			24-116						

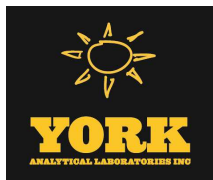
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
309-00-2	Aldrin	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 18:29	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
57-74-9	Chlordane, total	ND		ug/kg dry	48.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 18:29	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
72-20-8	Endrin	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 18:29	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.
17L0337

Client Project ID
170313: 37-11 30th + 30-14 37 Ave.

Matrix
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Collection Date/Time
December 6, 2017 10:40 am

Date Received
12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	12.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
8001-35-2	Toxaphene	ND		ug/kg dry	123	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:29	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	112 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	112 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/14/2017 02:45	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0246	1	EPA 8082A Certifications:	12/13/2017 07:28	12/14/2017 02:45	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %								

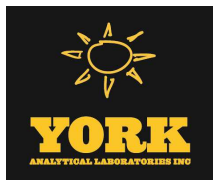
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3510		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-36-0	Antimony	ND		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-38-2	Arsenic	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:40 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	23.7		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.102	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-70-2	Calcium	14000		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-47-3	Chromium	8.82		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-48-4	Cobalt	4.55		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-50-8	Copper	11.8	B	mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7439-89-6	Iron	6560		mg/kg dry	2.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7439-92-1	Lead	3.50		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7439-95-4	Magnesium	7170		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7439-96-5	Manganese	169		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-02-0	Nickel	11.1		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-09-7	Potassium	686		mg/kg dry	5.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7782-49-2	Selenium	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-23-5	Sodium	128		mg/kg dry	10.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-28-0	Thallium	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-62-2	Vanadium	9.51		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML
7440-66-6	Zinc	22.7		mg/kg dry	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:16	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-5 (15'-17')

York Sample ID: 17L0337-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:40 am

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:49	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	98.0		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.510	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	8.82		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:00 am

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:52	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:52	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	25	50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:52	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
67-64-1	Acetone	3.1	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
71-43-2	Benzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
108-86-1	Bromobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-25-2	Bromoform	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
67-66-3	Chloroform	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-09-2	Methylene chloride	6.3		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	1.2	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
100-42-5	Styrene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
108-88-3	Toluene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.2	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 09:00	12/12/2017 21:52	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 09:00	12/12/2017 21:52	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.0 %	77-125
2037-26-5	Surrogate: Toluene-d8	101 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %	76-130

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615							132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371							FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:00 am

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH



Sample Information

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170313: 37-11 30th + 30-14 37 Ave.

Soil

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12/08/2017

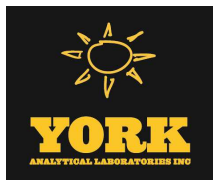
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
62-53-3	Aniline	ND		ug/kg dry	193	387	2	EPA 8270D Certifications:	12/13/2017 08:58 NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
120-12-7	Anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
218-01-9	Chrysene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	12/13/2017 08:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:18	KH



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
206-44-0	Fluoranthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
86-73-7	Fluorene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
78-59-1	Isophorone	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
85-01-8	Phenanthrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
108-95-2	Phenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
129-00-0	Pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
110-86-1	Pyridine	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:18	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	72.1 %	20-108								
4165-62-2	Surrogate: Phenol-d5	79.3 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	82.3 %	22-108								



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	77.9 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	92.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	59.3 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
309-00-2	Aldrin	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	55.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 19:14	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
72-20-8	Endrin	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	13.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	141	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:14	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	150 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	150 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:18	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 16:18	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %								
2051-24-3	Surrogate: Decachlorobiphenyl	91.5 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8720		mg/kg dry	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-36-0	Antimony	ND		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:00 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.83		mg/kg dry	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-39-3	Barium	33.8		mg/kg dry	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.348	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-70-2	Calcium	2890		mg/kg dry	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-47-3	Chromium	11.8		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-48-4	Cobalt	6.90		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-50-8	Copper	10.1	B	mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7439-89-6	Iron	14000		mg/kg dry	2.32	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7439-92-1	Lead	6.87		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7439-95-4	Magnesium	2610		mg/kg dry	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7439-96-5	Manganese	278		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-02-0	Nickel	15.0		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-09-7	Potassium	766		mg/kg dry	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7782-49-2	Selenium	1.21		mg/kg dry	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-23-5	Sodium	156		mg/kg dry	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-28-0	Thallium	ND		mg/kg dry	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-62-2	Vanadium	18.8		mg/kg dry	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML
7440-66-6	Zinc	26.0		mg/kg dry	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:21	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-6 (0'-2')

York Sample ID: 17L0337-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:00 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0348	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 17:58	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	11.8		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 6, 2017 10:20 am

12/08/2017

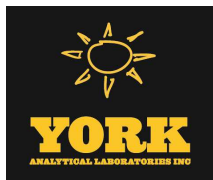
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

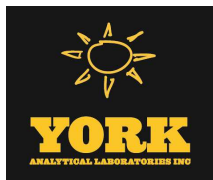
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:12	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	79	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:12	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	7.3	J	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-09-2	Methylene chloride	4.1	J	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

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Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:12	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:12	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: Toluene-d8	97.3 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	99.2 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

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December 6, 2017 10:20 am

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

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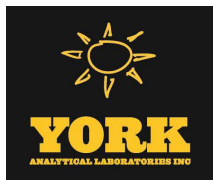
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
62-53-3	Aniline	ND		ug/kg dry	176	352	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
120-12-7	Anthracene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
218-01-9	Chrysene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
86-73-7	Fluorene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
78-59-1	Isophorone	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
108-95-2	Phenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
129-00-0	Pyrene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
110-86-1	Pyridine	ND		ug/kg dry	176	352	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/13/2017 23:51	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	75.8 %	20-108								
4165-62-2	Surrogate: Phenol-d5	84.0 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	79.9 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	77.4 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.1 %	19-110								



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	61.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
309-00-2	Aldrin	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:29	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
57-74-9	Chlordane, total	ND		ug/kg dry	52.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 19:29	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
72-20-8	Endrin	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:29	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	13.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
8001-35-2	Toxaphene	ND		ug/kg dry	132	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:29	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	135 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	135 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 16:42	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0263	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 16:42	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	93.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	84.5 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5010		mg/kg dry	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-36-0	Antimony	ND		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-38-2	Arsenic	ND		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	30.7		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-70-2	Calcium	4930		mg/kg dry	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-47-3	Chromium	12.4		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-48-4	Cobalt	6.58		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-50-8	Copper	15.7	B	mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7439-89-6	Iron	9440		mg/kg dry	2.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7439-92-1	Lead	3.38		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7439-95-4	Magnesium	4550		mg/kg dry	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7439-96-5	Manganese	238		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-02-0	Nickel	13.3		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-09-7	Potassium	844		mg/kg dry	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7782-49-2	Selenium	2.35		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-23-5	Sodium	122		mg/kg dry	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-62-2	Vanadium	13.9		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML
7440-66-6	Zinc	54.2		mg/kg dry	1.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:40	BML

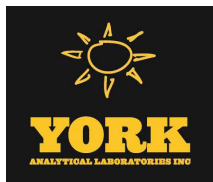
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-6 (15'-17')

York Sample ID: 17L0337-12

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 6, 2017 10:20 am

Date Received

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:07	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.4		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:30 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:30 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:40	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 11:40	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:30 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
67-64-1	Acetone	27		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 11:40	SR



York Sample ID: 17L0337-13

Date Received
12/08/2017

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 11:40	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 11:40	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.9 %	77-125
2037-26-5	Surrogate: Toluene-d8	97.1 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	76-130

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 9:30 am

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:30 am

Date Received

12/08/2017

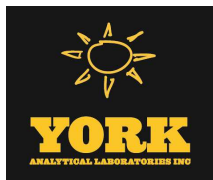
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
120-12-7	Anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
218-01-9	Chrysene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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December 7, 2017 9:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
86-73-7	Fluorene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
108-95-2	Phenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
129-00-0	Pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
110-86-1	Pyridine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:58	12/14/2017 00:22	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	59.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	66.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	68.2 %	22-108								



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

Collection Date/Time

December 7, 2017 9:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	64.0 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	82.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	49.2 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
309-00-2	Aldrin	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	53.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 19:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
72-20-8	Endrin	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA



Sample Information

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12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	13.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	134	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:44	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	124 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	135 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:06	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0268	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 17:06	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	99.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	90.0 %								

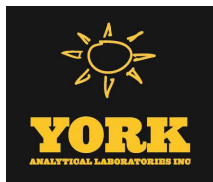
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8800		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-36-0	Antimony	ND		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML



Sample Information

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Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.61		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-39-3	Barium	37.1		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-70-2	Calcium	913		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-47-3	Chromium	12.1		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-48-4	Cobalt	6.59		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-50-8	Copper	14.1	B	mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7439-89-6	Iron	13500		mg/kg dry	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7439-92-1	Lead	12.2		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7439-95-4	Magnesium	2350		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7439-96-5	Manganese	338		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-02-0	Nickel	15.1		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-09-7	Potassium	674		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7782-49-2	Selenium	1.76		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-23-5	Sodium	50.9		mg/kg dry	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-62-2	Vanadium	18.0		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML
7440-66-6	Zinc	26.0		mg/kg dry	1.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:45	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-7 (0'-2')

York Sample ID: 17L0337-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 9:30 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:15	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.548	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.1		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 9:35 am

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:35 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 12:07	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 12:07	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	99	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 12:07	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 12:07	SR



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:35 am

Date Received

12/08/2017

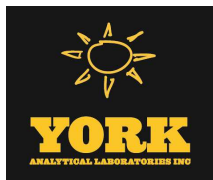
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	21		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:35 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:07	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 12:07	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.3 %	77-125								
2037-26-5	Surrogate: Toluene-d8	96.4 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								

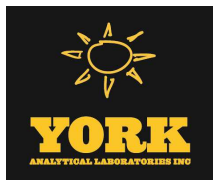
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

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170313: 37-11 30th + 30-14 37 Ave.

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Soil

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December 7, 2017 9:35 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.0	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.0	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.0	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.0	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW



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Soil

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.0	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.0	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
83-32-9	Acenaphthene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
62-53-3	Aniline	ND		ug/kg dry	170	340	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
120-12-7	Anthracene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
117-81-7	Bis(2-ethylhexyl)phthalate	87.0		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
218-01-9	Chrysene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/13/2017 23:56	OW



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
206-44-0	Fluoranthene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
86-73-7	Fluorene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
78-59-1	Isophorone	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
91-20-3	Naphthalene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
85-01-8	Phenanthrene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
108-95-2	Phenol	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
129-00-0	Pyrene	ND		ug/kg dry	42.6	85.0	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
110-86-1	Pyridine	ND		ug/kg dry	170	340	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 23:56	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	66.6 %				20-108					
4165-62-2	Surrogate: Phenol-d5	69.6 %				23-114					
4165-60-0	Surrogate: Nitrobenzene-d5	64.3 %				22-108					
321-60-8	Surrogate: 2-Fluorobiphenyl	73.1 %				21-113					
118-79-6	Surrogate: 2,4,6-Tribromophenol	16.6 %	S-08			19-110					



Sample Information

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	62.2 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
309-00-2	Aldrin	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	50.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 19:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
72-20-8	Endrin	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 19:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:35 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	12.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	127	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:59	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	144 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	146 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:30	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0253	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 17:30	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	108 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	98.5 %		30-140						

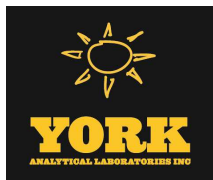
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5230		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-36-0	Antimony	ND		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-38-2	Arsenic	1.71		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:35 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	33.8		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.102	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.307	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-70-2	Calcium	7520		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-47-3	Chromium	12.8		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-48-4	Cobalt	5.67		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-50-8	Copper	17.6	B	mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7439-89-6	Iron	8790		mg/kg dry	2.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7439-92-1	Lead	6.22		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7439-95-4	Magnesium	3070		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7439-96-5	Manganese	288		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-02-0	Nickel	12.5		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-09-7	Potassium	794		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7782-49-2	Selenium	1.62		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-22-4	Silver	ND		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-23-5	Sodium	149		mg/kg dry	10.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-28-0	Thallium	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-62-2	Vanadium	15.6		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML
7440-66-6	Zinc	21.1		mg/kg dry	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:50	BML

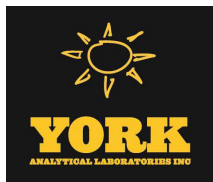
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: SP-7 (15'-17')

York Sample ID: 17L0337-14

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:35 am

Date Received

12/08/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0307	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:24	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.511	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.8		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

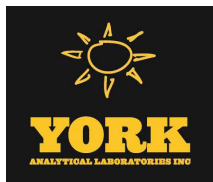
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 12:34	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 12:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 12:34	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
67-64-1	Acetone	8.0	J	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-09-2	Methylene chloride	5.6	J	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
127-18-4	Tetrachloroethylene	30		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 12:34	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 12:34	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	98.7 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615							132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371							FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
83-32-9	Acenaphthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
62-53-3	Aniline	ND		ug/kg dry	199	397	2	EPA 8270D Certifications:	12/13/2017 08:59 NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
120-12-7	Anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
218-01-9	Chrysene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	12/13/2017 08:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 00:28	OW



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

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December 7, 2017 9:50 am

Date Received

12/08/2017

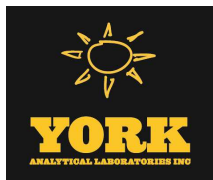
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
206-44-0	Fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
86-73-7	Fluorene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
78-59-1	Isophorone	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
91-20-3	Naphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
85-01-8	Phenanthrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
108-95-2	Phenol	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
129-00-0	Pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
110-86-1	Pyridine	ND		ug/kg dry	199	397	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 00:28	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	76.7 %	20-108								
4165-62-2	Surrogate: Phenol-d5	72.8 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	71.9 %	22-108								



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	79.9 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	82.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	67.7 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
309-00-2	Aldrin	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 20:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	57.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 20:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
72-20-8	Endrin	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 20:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
72-43-5	Methoxychlor	ND		ug/kg dry	14.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	146	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:59	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	121 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	124 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 17:55	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0291	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 17:55	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	96.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	87.5 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13700		mg/kg dry	5.95	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-36-0	Antimony	ND		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 9:50 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.43		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-39-3	Barium	57.9		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.119	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-70-2	Calcium	1130		mg/kg dry	5.95	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-47-3	Chromium	17.1		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-48-4	Cobalt	8.00		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-50-8	Copper	8.75	B	mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7439-89-6	Iron	19000		mg/kg dry	2.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7439-92-1	Lead	15.5		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7439-95-4	Magnesium	2270		mg/kg dry	5.95	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7439-96-5	Manganese	371		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-02-0	Nickel	14.8		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-09-7	Potassium	572		mg/kg dry	5.95	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7782-49-2	Selenium	3.06		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-23-5	Sodium	178		mg/kg dry	11.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-28-0	Thallium	ND		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-62-2	Vanadium	26.2		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML
7440-66-6	Zinc	28.4		mg/kg dry	1.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 21:55	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-8 (0'-2')

York Sample ID: 17L0337-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 9:50 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.120		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:33	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.595	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.1		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:10 am

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:10 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:01	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:01	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:10 am

Date Received

12/08/2017

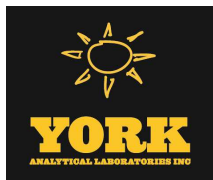
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	35		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

Client Project ID

Matrix

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17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:10 am

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
127-18-4	Tetrachloroethylene	5.5	J	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:01	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:01	SR
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.2 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			76-130						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

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December 7, 2017 10:10 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:10 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
83-32-9	Acenaphthene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
62-53-3	Aniline	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
120-12-7	Anthracene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
56-55-3	Benzo(a)anthracene	49.6	J	ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
117-81-7	Bis(2-ethylhexyl)phthalate	93.5		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
218-01-9	Chrysene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:10 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
206-44-0	Fluoranthene	74.7	J	ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
86-73-7	Fluorene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
78-59-1	Isophorone	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
91-20-3	Naphthalene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
85-01-8	Phenanthrene	98.4		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
108-95-2	Phenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
129-00-0	Pyrene	101		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
110-86-1	Pyridine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:19	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	79.7 %	20-108								
4165-62-2	Surrogate: Phenol-d5	80.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	78.9 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	87.8 %	21-113								



Sample Information

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: 2,4,6-Tribromophenol	35.0 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	82.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
309-00-2	Aldrin	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 21:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	51.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 21:14	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
72-20-8	Endrin	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 21:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA



Sample Information

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York Project (SDG) No.

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	12.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	129	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 21:14	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	149 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	133 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:19	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0258	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 18:19	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	95.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6670		mg/kg dry	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-36-0	Antimony	ND		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML



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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.17		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-39-3	Barium	41.5		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-70-2	Calcium	6830		mg/kg dry	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-47-3	Chromium	12.6		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-48-4	Cobalt	6.40		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-50-8	Copper	22.2	B	mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7439-89-6	Iron	9490		mg/kg dry	2.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7439-92-1	Lead	15.0		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7439-95-4	Magnesium	2940		mg/kg dry	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7439-96-5	Manganese	327		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-02-0	Nickel	14.5		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-09-7	Potassium	880		mg/kg dry	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7782-49-2	Selenium	1.65		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-23-5	Sodium	156		mg/kg dry	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-62-2	Vanadium	14.7		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML
7440-66-6	Zinc	38.9		mg/kg dry	1.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:00	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-8 (15'-17')

York Sample ID: 17L0337-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:10 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:41	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.6		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:45 am

12/08/2017

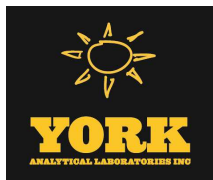
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:45 am

Date Received

12/08/2017

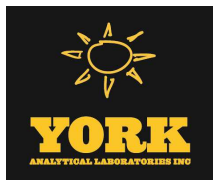
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 13:28	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 13:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 13:28	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	12/13/2017 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 13:28	SR



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:45 am

Date Received

12/08/2017

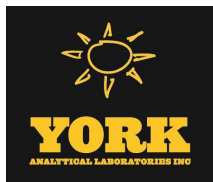
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	6.3	J	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-09-2	Methylene chloride	5.4	J	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:45 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
127-18-4	Tetrachloroethylene	3.0	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:28	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:28	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.6 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:45 am

Date Received

12/08/2017

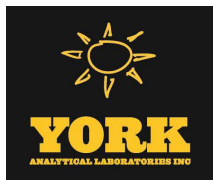
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

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170313: 37-11 30th + 30-14 37 Ave.

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December 7, 2017 10:45 am

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
62-53-3	Aniline	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
120-12-7	Anthracene	48.3	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
56-55-3	Benzo(a)anthracene	262		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
50-32-8	Benzo(a)pyrene	246		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
205-99-2	Benzo(b)fluoranthene	265		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
191-24-2	Benzo(g,h,i)perylene	208		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
207-08-9	Benzo(k)fluoranthene	212		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
218-01-9	Chrysene	274		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Collection Date/Time

December 7, 2017 10:45 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
206-44-0	Fluoranthene	501		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
193-39-5	Indeno(1,2,3-cd)pyrene	172		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
85-01-8	Phenanthrene	317		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
108-95-2	Phenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
129-00-0	Pyrene	487		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
110-86-1	Pyridine	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 10:50	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	83.3 %	20-108								
4165-62-2	Surrogate: Phenol-d5	80.3 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	77.2 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	87.4 %	21-113								



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

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Soil

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December 7, 2017 10:45 am

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	78.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
309-00-2	Aldrin	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 20:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	51.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 20:14	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
72-20-8	Endrin	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 20:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA



Sample Information

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17L0337

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170313: 37-11 30th + 30-14 37 Ave.

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December 7, 2017 10:45 am

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12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	12.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	130	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:14	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	122 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	127 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 18:43	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0259	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 18:43	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	94.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %								

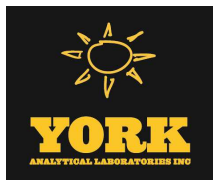
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7780		mg/kg dry	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-36-0	Antimony	2.94		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:45 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.81		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-39-3	Barium	371		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-43-9	Cadmium	0.431		mg/kg dry	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-70-2	Calcium	6720		mg/kg dry	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-47-3	Chromium	20.3		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-48-4	Cobalt	7.76		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-50-8	Copper	312	B	mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7439-89-6	Iron	18600		mg/kg dry	2.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7439-92-1	Lead	1550		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7439-95-4	Magnesium	2740		mg/kg dry	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7439-96-5	Manganese	357		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-02-0	Nickel	23.9		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-09-7	Potassium	912		mg/kg dry	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7782-49-2	Selenium	2.28		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-23-5	Sodium	260		mg/kg dry	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-62-2	Vanadium	18.5		mg/kg dry	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML
7440-66-6	Zinc	713		mg/kg dry	1.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:04	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-9 (0'-2')

York Sample ID: 17L0337-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:45 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.640		mg/kg dry	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:50	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.2		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.525	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	20.3		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:30 am

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:30 am

Date Received

12/08/2017

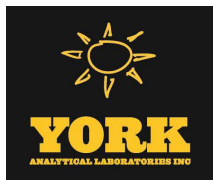
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:55	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:55	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:30 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	8.6	J	ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-09-2	Methylene chloride	7.1	J	ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

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December 7, 2017 10:30 am

Date Received

12/08/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 13:55	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 13:55	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %	77-125								
2037-26-5	Surrogate: Toluene-d8	99.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

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Soil

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December 7, 2017 10:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.2	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.2	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.2	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.2	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.2	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.2	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
83-32-9	Acenaphthene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
62-53-3	Aniline	ND		ug/kg dry	171	341	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
120-12-7	Anthracene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
56-55-3	Benzo(a)anthracene	62.0	J	ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
50-32-8	Benzo(a)pyrene	56.5	J	ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
205-99-2	Benzo(b)fluoranthene	54.5	J	ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
207-08-9	Benzo(k)fluoranthene	44.9	J	ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
218-01-9	Chrysene	57.2	J	ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW



Sample Information

Client Sample ID: SP-9 (15'-17')

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York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

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December 7, 2017 10:30 am

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12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
206-44-0	Fluoranthene	108		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
86-73-7	Fluorene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
78-59-1	Isophorone	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
91-20-3	Naphthalene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
85-01-8	Phenanthrene	71.5	J	ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
108-95-2	Phenol	ND		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
129-00-0	Pyrene	96.0		ug/kg dry	42.7	85.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
110-86-1	Pyridine	ND		ug/kg dry	171	341	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 08:59	12/14/2017 11:21	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	70.7 %	20-108								
4165-62-2	Surrogate: Phenol-d5	72.0 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	71.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	80.5 %	21-113								



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:30 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: 2,4,6-Tribromophenol	18.0 %	S-08		19-110						
1718-51-0	Surrogate: Terphenyl-d14	74.2 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 20:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	33.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH	12/13/2017 07:28	12/13/2017 20:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/13/2017 07:28	12/13/2017 20:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:30 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.43	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	85.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 20:44	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	113 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	116 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2017 07:28	12/13/2017 19:07	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	12/13/2017 07:28	12/13/2017 19:07	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	80.5 %								

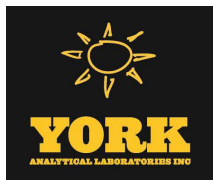
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5140		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-36-0	Antimony	1.99		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Soil

Collection Date/Time

December 7, 2017 10:30 am

Date Received

12/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.86		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-39-3	Barium	106		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.102	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-70-2	Calcium	4870		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-47-3	Chromium	11.3		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-48-4	Cobalt	5.27		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-50-8	Copper	168	B	mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7439-89-6	Iron	11300		mg/kg dry	2.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7439-92-1	Lead	490		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7439-95-4	Magnesium	2240		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7439-96-5	Manganese	309		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-02-0	Nickel	14.5		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-09-7	Potassium	619		mg/kg dry	5.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7782-49-2	Selenium	1.20		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-22-4	Silver	ND		mg/kg dry	0.511	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-23-5	Sodium	124		mg/kg dry	10.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-28-0	Thallium	ND		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-62-2	Vanadium	12.0		mg/kg dry	1.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML
7440-66-6	Zinc	215		mg/kg dry	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 09:46	12/13/2017 22:12	BML

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-9 (15'-17')

York Sample ID: 17L0337-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Soil

December 7, 2017 10:30 am

12/08/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0988		mg/kg dry	0.0306	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/12/2017 10:06	12/12/2017 18:59	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2017 10:48	12/11/2017 14:12	TJM

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.511	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/11/2017 08:54	12/11/2017 15:13	DM1

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	11.3		mg/kg	0.500	1	Calculation Certifications:	12/14/2017 11:21	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Water

December 7, 2017 10:00 am

12/08/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

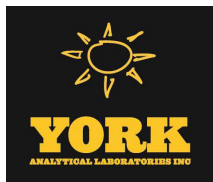
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Water

December 7, 2017 10:00 am

12/08/2017

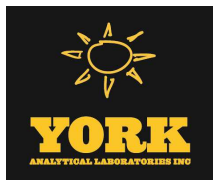
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 02:37	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

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170313: 37-11 30th + 30-14 37 Ave.

Water

December 7, 2017 10:00 am

12/08/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
75-09-2	Methylene chloride	1.0	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 02:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 02:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 12:12	12/13/2017 02:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.4 %	69-130								
2037-26-5	Surrogate: Toluene-d8	95.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	79-122								



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

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17L0337

170313: 37-11 30th + 30-14 37 Ave.

Water

December 7, 2017 10:00 am

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:28	SR
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	12/12/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 14:45	SR



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
91-20-3	Naphthalene	0.162		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:28	SR
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 08:00	12/13/2017 14:45	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	31.9 %	19.7-63.1								
4165-62-2	Surrogate: Phenol-d5	20.2 %	10.1-41.7								
4165-60-0	Surrogate: Nitrobenzene-d5	56.9 %	50.2-113								



Sample Information

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Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	54.6 %			39.9-105						
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.0 %			39.3-151						
1718-51-0	Surrogate: Terphenyl-d14	46.6 %			30.7-106						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
57-74-9	Chlordane, total	ND		ug/L	0.0222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA



Sample Information

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York Sample ID: 17L0337-19

York Project (SDG) No.

17L0337

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

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December 7, 2017 10:00 am

Date Received

12/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:51	12/12/2017 15:00	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	77.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	60.8 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/12/2017 07:51	12/13/2017 10:52	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	12/12/2017 07:51	12/13/2017 10:52	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	69.0 %								

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML



Sample Information

Client Sample ID: Field Blank

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170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

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12/08/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-50-8	Copper	0.0103	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-09-7	Potassium	0.0947	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-23-5	Sodium	0.410	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 10:43	12/12/2017 20:48	BML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-50-8	Copper	0.00652	B	mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML



Sample Information

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Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 09:25	12/14/2017 02:44	BML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML
7440-38-2	Arsenic	36.0	B	ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML
7439-98-7	Molybdenum	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 11:34	12/13/2017 11:31	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML



Sample Information

Client Sample ID: Field Blank

York Sample ID: 17L0337-19

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-98-7	Molybdenum	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2017 10:04	12/14/2017 13:23	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:08	12/13/2017 01:08	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2017 01:06	12/13/2017 01:06	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/08/2017 13:26	12/11/2017 14:41	TJM

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	12/14/2017 11:23	12/14/2017 11:32	PAM

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0337-20

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0337-20

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

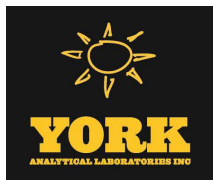
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 12:12	12/13/2017 03:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 03:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0337-20

York Project (SDG) No.

17L0337

Client Project ID

170313: 37-11 30th + 30-14 37 Ave.

Matrix

Water

Collection Date/Time

December 7, 2017 10:00 am

Date Received

12/08/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0337-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Water

December 7, 2017 10:00 am

12/08/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 03:09	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 03:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 03:09	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17L0337-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0337

170313: 37-11 30th + 30-14 37 Ave.

Water

December 7, 2017 10:00 am

12/08/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2017 12:12	12/13/2017 03:09	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.1 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			79-122						



Analytical Batch Summary

Batch ID: BL70392 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/08/17
BL70392-BLK1	Blank	12/08/17
BL70392-BS1	LCS	12/08/17

Batch ID: BL70429 **Preparation Method:** EPA SW846-3060 **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/11/17
17L0337-02	SP-1 (15'-17')	12/11/17
17L0337-03	SP-2 (0'-2')	12/11/17
17L0337-04	SP-2 (15'-17')	12/11/17
17L0337-05	SP-3 (0'-2')	12/11/17
17L0337-06	SP-3 (15'-17')	12/11/17
17L0337-07	SP-4 (0'-2')	12/11/17
17L0337-08	SP-4 (15'-17')	12/11/17
17L0337-09	SP-5 (0'-2')	12/11/17
17L0337-10	SP-5 (15'-17')	12/11/17
17L0337-11	SP-6 (0'-2')	12/11/17
17L0337-12	SP-6 (15'-17')	12/11/17
17L0337-13	SP-7 (0'-2')	12/11/17
17L0337-14	SP-7 (15'-17')	12/11/17
17L0337-15	SP-8 (0'-2')	12/11/17
17L0337-16	SP-8 (15'-17')	12/11/17
17L0337-17	SP-9 (0'-2')	12/11/17
17L0337-18	SP-9 (15'-17')	12/11/17
BL70429-BLK1	Blank	12/11/17
BL70429-SRM1	Reference	12/11/17

Batch ID: BL70444 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/11/17
17L0337-02	SP-1 (15'-17')	12/11/17
17L0337-03	SP-2 (0'-2')	12/11/17
17L0337-04	SP-2 (15'-17')	12/11/17
17L0337-05	SP-3 (0'-2')	12/11/17
17L0337-06	SP-3 (15'-17')	12/11/17
17L0337-07	SP-4 (0'-2')	12/11/17
17L0337-08	SP-4 (15'-17')	12/11/17
17L0337-09	SP-5 (0'-2')	12/11/17
BL70444-DUP1	Duplicate	12/11/17

Batch ID: BL70445 **Preparation Method:** % Solids Prep **Prepared By:** TJM



YORK Sample ID	Client Sample ID	Preparation Date
17L0337-10	SP-5 (15'-17')	12/11/17
17L0337-11	SP-6 (0'-2')	12/11/17
17L0337-12	SP-6 (15'-17')	12/11/17
17L0337-13	SP-7 (0'-2')	12/11/17
17L0337-14	SP-7 (15'-17')	12/11/17
17L0337-15	SP-8 (0'-2')	12/11/17
17L0337-16	SP-8 (15'-17')	12/11/17
17L0337-17	SP-9 (0'-2')	12/11/17
17L0337-18	SP-9 (15'-17')	12/11/17

Batch ID: BL70489 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/12/17
17L0337-02	SP-1 (15'-17')	12/12/17
17L0337-03	SP-2 (0'-2')	12/12/17
17L0337-04	SP-2 (15'-17')	12/12/17
17L0337-05	SP-3 (0'-2')	12/12/17
17L0337-06	SP-3 (15'-17')	12/12/17
17L0337-07	SP-4 (0'-2')	12/12/17
17L0337-08	SP-4 (15'-17')	12/12/17
17L0337-09	SP-5 (0'-2')	12/12/17
17L0337-10	SP-5 (15'-17')	12/12/17
17L0337-11	SP-6 (0'-2')	12/12/17
BL70489-BLK1	Blank	12/12/17
BL70489-BS1	LCS	12/12/17
BL70489-BSD1	LCS Dup	12/12/17

Batch ID: BL70492 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/12/17
17L0337-20	Trip Blank	12/12/17
BL70492-BLK1	Blank	12/12/17
BL70492-BS1	LCS	12/12/17
BL70492-BSD1	LCS Dup	12/12/17

Batch ID: BL70493 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/12/17
17L0337-19	Field Blank	12/12/17
BL70493-BLK1	Blank	12/12/17
BL70493-BLK2	Blank	12/12/17
BL70493-BS1	LCS	12/12/17
BL70493-BS2	LCS	12/12/17
BL70493-BSD1	LCS Dup	12/12/17
BL70493-BSD2	LCS Dup	12/12/17



Batch ID: BL70496

Preparation Method: EPA 3510C

Prepared By: TMP

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/12/17
BL70496-BLK1	Blank	12/12/17
BL70496-BLK2	Blank	12/12/17
BL70496-BS1	LCS	12/12/17
BL70496-BS2	LCS	12/12/17
BL70496-BSD1	LCS Dup	12/12/17

Batch ID: BL70504

Preparation Method: EPA 3050B

Prepared By: SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/12/17
17L0337-02	SP-1 (15'-17')	12/12/17
17L0337-03	SP-2 (0'-2')	12/12/17
17L0337-04	SP-2 (15'-17')	12/12/17
17L0337-05	SP-3 (0'-2')	12/12/17
17L0337-05RE1	SP-3 (0'-2')	12/12/17
17L0337-06	SP-3 (15'-17')	12/12/17
17L0337-07	SP-4 (0'-2')	12/12/17
17L0337-08	SP-4 (15'-17')	12/12/17
17L0337-09	SP-5 (0'-2')	12/12/17
17L0337-10	SP-5 (15'-17')	12/12/17
17L0337-11	SP-6 (0'-2')	12/12/17
17L0337-12	SP-6 (15'-17')	12/12/17
17L0337-13	SP-7 (0'-2')	12/12/17
17L0337-14	SP-7 (15'-17')	12/12/17
17L0337-15	SP-8 (0'-2')	12/12/17
17L0337-16	SP-8 (15'-17')	12/12/17
17L0337-17	SP-9 (0'-2')	12/12/17
17L0337-18	SP-9 (15'-17')	12/12/17
BL70504-BLK1	Blank	12/13/17
BL70504-DUP1	Duplicate	12/12/17
BL70504-MS1	Matrix Spike	12/12/17
BL70504-SRM1	Reference	12/13/17

Batch ID: BL70505

Preparation Method: EPA 7473 soil

Prepared By: SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/12/17
17L0337-02	SP-1 (15'-17')	12/12/17
17L0337-03	SP-2 (0'-2')	12/12/17
17L0337-04	SP-2 (15'-17')	12/12/17
17L0337-05	SP-3 (0'-2')	12/12/17
17L0337-06	SP-3 (15'-17')	12/12/17
17L0337-07	SP-4 (0'-2')	12/12/17
17L0337-08	SP-4 (15'-17')	12/12/17
17L0337-09	SP-5 (0'-2')	12/12/17



17L0337-10	SP-5 (15'-17")	12/12/17
17L0337-11	SP-6 (0'-2')	12/12/17
17L0337-12	SP-6 (15'-17")	12/12/17
17L0337-13	SP-7 (0'-2')	12/12/17
17L0337-14	SP-7 (15'-17")	12/12/17
17L0337-15	SP-8 (0'-2')	12/12/17
17L0337-16	SP-8 (15'-17")	12/12/17
17L0337-17	SP-9 (0'-2')	12/12/17
17L0337-18	SP-9 (15'-17")	12/12/17
BL70505-BLK1	Blank	12/12/17
BL70505-SRM1	Reference	12/12/17

Batch ID: BL70508 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/12/17
BL70508-BLK1	Blank	12/12/17
BL70508-SRM1	Reference	12/12/17

Batch ID: BL70520 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/12/17
BL70520-BLK1	Blank	12/12/17
BL70520-BS1	LCS	12/12/17
BL70520-DUP1	Duplicate	12/12/17
BL70520-MS1	Matrix Spike	12/12/17

Batch ID: BL70544 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/13/17
BL70544-BLK1	Blank	12/13/17
BL70544-BS1	LCS	12/13/17
BL70544-BS2	LCS	12/13/17

Batch ID: BL70545 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/13/17
BL70545-BLK1	Blank	12/13/17
BL70545-BS1	LCS	12/13/17
BL70545-BS2	LCS	12/13/17

Batch ID: BL70555 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-12	SP-6 (15'-17")	12/13/17



17L0337-13	SP-7 (0'-2')	12/13/17
17L0337-14	SP-7 (15'-17')	12/13/17
17L0337-15	SP-8 (0'-2')	12/13/17
17L0337-16	SP-8 (15'-17')	12/13/17
17L0337-17	SP-9 (0'-2')	12/13/17
17L0337-18	SP-9 (15'-17')	12/13/17
BL70555-BLK1	Blank	12/13/17
BL70555-BLK2	Blank	12/13/17
BL70555-BS1	LCS	12/13/17
BL70555-BSD1	LCS Dup	12/13/17

Batch ID: BL70561 **Preparation Method:** EPA 3545A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date

17L0337-01	SP-1 (0'-2')	12/13/17
17L0337-01	SP-1 (0'-2')	12/13/17
17L0337-02	SP-1 (15'-17')	12/13/17
17L0337-02	SP-1 (15'-17')	12/13/17
17L0337-03	SP-2 (0'-2')	12/13/17
17L0337-03	SP-2 (0'-2')	12/13/17
17L0337-04	SP-2 (15'-17')	12/13/17
17L0337-04	SP-2 (15'-17')	12/13/17
17L0337-05	SP-3 (0'-2')	12/13/17
17L0337-05	SP-3 (0'-2')	12/13/17
17L0337-06	SP-3 (15'-17')	12/13/17
17L0337-06	SP-3 (15'-17')	12/13/17
17L0337-07	SP-4 (0'-2')	12/13/17
17L0337-07	SP-4 (0'-2')	12/13/17
17L0337-08	SP-4 (15'-17')	12/13/17
17L0337-08	SP-4 (15'-17')	12/13/17
17L0337-09	SP-5 (0'-2')	12/13/17
17L0337-09	SP-5 (0'-2')	12/13/17
17L0337-10	SP-5 (15'-17')	12/13/17
17L0337-10	SP-5 (15'-17')	12/13/17
17L0337-11	SP-6 (0'-2')	12/13/17
17L0337-11	SP-6 (0'-2')	12/13/17
17L0337-12	SP-6 (15'-17')	12/13/17
17L0337-12	SP-6 (15'-17')	12/13/17
17L0337-13	SP-7 (0'-2')	12/13/17
17L0337-13	SP-7 (0'-2')	12/13/17
17L0337-14	SP-7 (15'-17')	12/13/17
17L0337-14	SP-7 (15'-17')	12/13/17
17L0337-15	SP-8 (0'-2')	12/13/17
17L0337-15	SP-8 (0'-2')	12/13/17
17L0337-16	SP-8 (15'-17')	12/13/17
17L0337-16	SP-8 (15'-17')	12/13/17
17L0337-17	SP-9 (0'-2')	12/13/17
17L0337-17	SP-9 (0'-2')	12/13/17
17L0337-18	SP-9 (15'-17')	12/13/17
17L0337-18	SP-9 (15'-17')	12/13/17
BL70561-BLK1	Blank	12/13/17
BL70561-BLK2	Blank	12/13/17



BL70561-BS1	LCS	12/13/17
BL70561-BS2	LCS	12/13/17
BL70561-MS2	Matrix Spike	12/13/17
BL70561-MSD2	Matrix Spike Dup	12/13/17

Batch ID: BL70575 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/13/17
17L0337-02	SP-1 (15'-17')	12/13/17
17L0337-03	SP-2 (0'-2')	12/13/17
17L0337-04	SP-2 (15'-17')	12/13/17
17L0337-05	SP-3 (0'-2')	12/13/17
17L0337-06	SP-3 (15'-17')	12/13/17
17L0337-07	SP-4 (0'-2')	12/13/17
17L0337-08	SP-4 (15'-17')	12/13/17
17L0337-09	SP-5 (0'-2')	12/13/17
17L0337-10	SP-5 (15'-17')	12/13/17
17L0337-11	SP-6 (0'-2')	12/13/17
17L0337-12	SP-6 (15'-17')	12/13/17
17L0337-13	SP-7 (0'-2')	12/13/17
BL70575-BLK1	Blank	12/13/17
BL70575-BS1	LCS	12/13/17
BL70575-MS1	Matrix Spike	12/13/17
BL70575-MSD1	Matrix Spike Dup	12/13/17

Batch ID: BL70576 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-14	SP-7 (15'-17')	12/13/17
17L0337-15	SP-8 (0'-2')	12/13/17
17L0337-16	SP-8 (15'-17')	12/13/17
17L0337-17	SP-9 (0'-2')	12/13/17
17L0337-18	SP-9 (15'-17')	12/13/17
BL70576-BLK1	Blank	12/13/17
BL70576-BS1	LCS	12/13/17
BL70576-MS1	Matrix Spike	12/13/17
BL70576-MSD1	Matrix Spike Dup	12/13/17

Batch ID: BL70582 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/13/17
BL70582-BLK1	Blank	12/13/17
BL70582-SRM1	Reference	12/13/17

Batch ID: BL70654 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date



17L0337-19	Field Blank	12/14/17
BL70654-BLK1	Blank	12/14/17
BL70654-BS1	LCS	12/14/17

Batch ID: BL70662 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-01	SP-1 (0'-2')	12/14/17
17L0337-02	SP-1 (15'-17')	12/14/17
17L0337-03	SP-2 (0'-2')	12/14/17
17L0337-04	SP-2 (15'-17')	12/14/17
17L0337-05	SP-3 (0'-2')	12/14/17
17L0337-06	SP-3 (15'-17')	12/14/17
17L0337-07	SP-4 (0'-2')	12/14/17
17L0337-08	SP-4 (15'-17')	12/14/17
17L0337-09	SP-5 (0'-2')	12/14/17
17L0337-10	SP-5 (15'-17')	12/14/17
17L0337-11	SP-6 (0'-2')	12/14/17
17L0337-12	SP-6 (15'-17')	12/14/17
17L0337-13	SP-7 (0'-2')	12/14/17
17L0337-14	SP-7 (15'-17')	12/14/17
17L0337-15	SP-8 (0'-2')	12/14/17
17L0337-16	SP-8 (15'-17')	12/14/17
17L0337-17	SP-9 (0'-2')	12/14/17
17L0337-18	SP-9 (15'-17')	12/14/17

Batch ID: BL70664 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
17L0337-19	Field Blank	12/14/17



Volatile Organic Compounds 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 BL70489 - EPA 5035A

Blank (BL70489-BLK1)

Prepared & Analyzed: 12/12/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	2.8	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	ND	10	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
Naphthalene	5.5	10	"
n-Butylbenzene	ND	5.0	"



Volatile Organic Compounds 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 BL70489 - EPA 5035A

Blank (BL70489-BLK1)

Prepared & Analyzed: 12/12/2017

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl acetate	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	49.9	ug/L	50.0	99.7	77-125
Surrogate: Toluene-d8	51.3	"	50.0	103	85-120
Surrogate: p-Bromofluorobenzene	45.9	"	50.0	91.7	76-130

LCS (BL70489-BS1)

Prepared & Analyzed: 12/12/2017

1,1,1,2-Tetrachloroethane	48.4	ug/L	50.0	96.8	75-129
1,1,1-Trichloroethane	50.7	"	50.0	101	71-137
1,1,2,2-Tetrachloroethane	57.6	"	50.0	115	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62.9	"	50.0	126	58-146
1,1,2-Trichloroethane	51.6	"	50.0	103	83-123
1,1-Dichloroethane	52.8	"	50.0	106	75-130
1,1-Dichloroethylene	53.6	"	50.0	107	64-137
1,1-Dichloropropylene	49.4	"	50.0	98.8	77-127
1,2,3-Trichlorobenzene	48.5	"	50.0	97.1	81-140
1,2,3-Trichloropropane	52.1	"	50.0	104	81-126
1,2,4-Trichlorobenzene	45.7	"	50.0	91.4	80-141
1,2,4-Trimethylbenzene	49.9	"	50.0	99.8	84-125
1,2-Dibromo-3-chloropropane	44.8	"	50.0	89.6	74-142
1,2-Dibromoethane	51.3	"	50.0	103	86-123
1,2-Dichlorobenzene	53.7	"	50.0	107	85-122
1,2-Dichloroethane	47.8	"	50.0	95.5	71-133
1,2-Dichloropropane	48.6	"	50.0	97.1	81-122
1,3,5-Trimethylbenzene	49.3	"	50.0	98.6	82-126
1,3-Dichlorobenzene	51.0	"	50.0	102	84-124
1,3-Dichloropropane	49.3	"	50.0	98.6	83-123
1,4-Dichlorobenzene	49.7	"	50.0	99.4	84-124
1,4-Dioxane	1170	"	1000	117	10-228
2,2-Dichloropropane	43.6	"	50.0	87.3	67-136
2-Butanone	46.6	"	50.0	93.3	58-147
2-Chlorotoluene	50.2	"	50.0	100	78-127
4-Chlorotoluene	48.8	"	50.0	97.6	79-125
Acetone	42.9	"	50.0	85.9	36-155
Benzene	54.5	"	50.0	109	77-127
Bromobenzene	51.7	"	50.0	103	77-129
Bromochloromethane	51.3	"	50.0	103	74-129



Volatile Organic Compounds 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 BL70489 - EPA 5035A

LCS (BL70489-BS1)

Prepared & Analyzed: 12/12/2017

Bromodichloromethane	47.1		ug/L	50.0		94.1	81-124				
Bromoform	50.8		"	50.0		102	80-136				
Bromomethane	58.1		"	50.0		116	32-177				
Carbon tetrachloride	48.8		"	50.0		97.7	66-143				
Chlorobenzene	51.0		"	50.0		102	86-120				
Chloroethane	56.7		"	50.0		113	51-142				
Chloroform	49.8		"	50.0		99.6	76-131				
Chloromethane	56.6		"	50.0		113	49-132				
cis-1,2-Dichloroethylene	54.1		"	50.0		108	74-132				
cis-1,3-Dichloropropylene	46.2		"	50.0		92.5	81-129				
Dibromochloromethane	47.8		"	50.0		95.6	10-200				
Dibromomethane	49.3		"	50.0		98.7	83-124				
Dichlorodifluoromethane	79.1		"	50.0		158	28-158				
Ethyl Benzene	48.0		"	50.0		96.0	84-125				
Hexachlorobutadiene	47.5		"	50.0		95.1	83-133				
Isopropylbenzene	52.4		"	50.0		105	81-127				
Methyl tert-butyl ether (MTBE)	53.0		"	50.0		106	74-131				
Methylene chloride	49.7		"	50.0		99.4	57-141				
Naphthalene	58.4		"	50.0		117	86-141				
n-Butylbenzene	48.7		"	50.0		97.4	80-130				
n-Propylbenzene	50.5		"	50.0		101	74-136				
o-Xylene	49.0		"	50.0		98.0	83-123				
p- & m- Xylenes	96.0		"	100		96.0	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	51.6		"	50.0		103	83-125				
Styrene	49.0		"	50.0		98.1	86-126				
tert-Butylbenzene	52.4		"	50.0		105	80-127				
Tetrachloroethylene	51.6		"	50.0		103	80-129				
Toluene	50.6		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	51.7		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	45.4		"	50.0		90.7	78-132				
Trichloroethylene	49.8		"	50.0		99.6	84-123				
Trichlorofluoromethane	58.2		"	50.0		116	62-140				
Vinyl acetate	37.4		"	50.0		74.8	67-136				
Vinyl Chloride	58.5		"	50.0		117	52-130				
Surrogate: 1,2-Dichloroethane-d4	46.2		"	50.0		92.3	77-125				
Surrogate: Toluene-d8	48.5		"	50.0		97.0	85-120				
Surrogate: p-Bromofluorobenzene	49.1		"	50.0		98.2	76-130				



Volatile Organic Compounds 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 BL70489 - EPA 5035A											
LCS Dup (BL70489-BSD1)						Prepared & Analyzed: 12/12/2017					
1,1,1,2-Tetrachloroethane	49.3		ug/L	50.0		98.7	75-129		1.92	30	
1,1,1-Trichloroethane	48.9		"	50.0		97.9	71-137		3.45	30	
1,1,2,2-Tetrachloroethane	59.1		"	50.0		118	79-129		2.69	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.8		"	50.0		118	58-146		6.67	30	
1,1,2-Trichloroethane	53.2		"	50.0		106	83-123		3.19	30	
1,1-Dichloroethane	52.7		"	50.0		105	75-130		0.114	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		2.95	30	
1,1-Dichloropropylene	50.6		"	50.0		101	77-127		2.34	30	
1,2,3-Trichlorobenzene	49.2		"	50.0		98.4	81-140		1.37	30	
1,2,3-Trichloropropane	51.7		"	50.0		103	81-126		0.732	30	
1,2,4-Trichlorobenzene	47.4		"	50.0		94.9	80-141		3.71	30	
1,2,4-Trimethylbenzene	49.9		"	50.0		99.8	84-125		0.0601	30	
1,2-Dibromo-3-chloropropane	47.7		"	50.0		95.5	74-142		6.31	30	
1,2-Dibromoethane	53.0		"	50.0		106	86-123		3.18	30	
1,2-Dichlorobenzene	53.4		"	50.0		107	85-122		0.654	30	
1,2-Dichloroethane	48.4		"	50.0		96.7	71-133		1.25	30	
1,2-Dichloropropane	49.4		"	50.0		98.8	81-122		1.67	30	
1,3,5-Trimethylbenzene	49.5		"	50.0		99.0	82-126		0.385	30	
1,3-Dichlorobenzene	51.3		"	50.0		103	84-124		0.567	30	
1,3-Dichloropropane	49.6		"	50.0		99.2	83-123		0.688	30	
1,4-Dichlorobenzene	50.3		"	50.0		101	84-124		1.08	30	
1,4-Dioxane	1290		"	1000		129	10-228		9.71	30	
2,2-Dichloropropane	45.2		"	50.0		90.3	67-136		3.38	30	
2-Butanone	47.9		"	50.0		95.8	58-147		2.66	30	
2-Chlorotoluene	51.0		"	50.0		102	78-127		1.60	30	
4-Chlorotoluene	49.9		"	50.0		99.8	79-125		2.25	30	
Acetone	43.8		"	50.0		87.6	36-155		1.94	30	
Benzene	54.3		"	50.0		109	77-127		0.349	30	
Bromobenzene	51.4		"	50.0		103	77-129		0.621	30	
Bromochloromethane	50.8		"	50.0		102	74-129		0.979	30	
Bromodichloromethane	47.9		"	50.0		95.7	81-124		1.69	30	
Bromoform	51.1		"	50.0		102	80-136		0.706	30	
Bromomethane	60.0		"	50.0		120	32-177		3.25	30	
Carbon tetrachloride	49.5		"	50.0		98.9	66-143		1.26	30	
Chlorobenzene	52.1		"	50.0		104	86-120		2.09	30	
Chloroethane	57.3		"	50.0		115	51-142		1.00	30	
Chloroform	49.8		"	50.0		99.7	76-131		0.120	30	
Chloromethane	56.3		"	50.0		113	49-132		0.531	30	
cis-1,2-Dichloroethylene	55.4		"	50.0		111	74-132		2.52	30	
cis-1,3-Dichloropropylene	48.0		"	50.0		96.0	81-129		3.74	30	
Dibromochloromethane	48.6		"	50.0		97.2	10-200		1.62	30	
Dibromomethane	47.7		"	50.0		95.4	83-124		3.38	30	
Dichlorodifluoromethane	79.3		"	50.0		159	28-158	High Bias	0.354	30	
Ethyl Benzene	48.7		"	50.0		97.3	84-125		1.37	30	
Hexachlorobutadiene	47.0		"	50.0		94.0	83-133		1.08	30	
Isopropylbenzene	51.9		"	50.0		104	81-127		0.844	30	
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131		1.09	30	
Methylene chloride	50.0		"	50.0		99.9	57-141		0.542	30	
Naphthalene	58.3		"	50.0		117	86-141		0.103	30	
n-Butylbenzene	48.8		"	50.0		97.5	80-130		0.103	30	
n-Propylbenzene	50.5		"	50.0		101	74-136		0.0198	30	



Volatile Organic Compounds 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 BL70489 - EPA 5035A

LCS Dup (BL70489-BSD1)

Prepared & Analyzed: 12/12/2017

o-Xylene	50.1		ug/L	50.0		100	83-123		2.18	30	
p- & m- Xylenes	95.9		"	100		95.9	82-128		0.104	30	
p-Isopropyltoluene	49.7		"	50.0		99.5	85-125		0.761	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		0.233	30	
Styrene	50.2		"	50.0		100	86-126		2.38	30	
tert-Butylbenzene	50.1		"	50.0		100	80-127		4.53	30	
Tetrachloroethylene	52.1		"	50.0		104	80-129		0.829	30	
Toluene	52.1		"	50.0		104	85-121		2.94	30	
trans-1,2-Dichloroethylene	52.0		"	50.0		104	72-132		0.521	30	
trans-1,3-Dichloropropylene	46.1		"	50.0		92.3	78-132		1.68	30	
Trichloroethylene	48.7		"	50.0		97.5	84-123		2.17	30	
Trichlorofluoromethane	58.0		"	50.0		116	62-140		0.310	30	
Vinyl acetate	37.6		"	50.0		75.1	67-136		0.400	30	
Vinyl Chloride	59.6		"	50.0		119	52-130		1.88	30	
Surrogate: 1,2-Dichloroethane-d4	46.6		"	50.0		93.3	77-125				
Surrogate: Toluene-d8	48.7		"	50.0		97.3	85-120				
Surrogate: p-Bromofluorobenzene	50.1		"	50.0		100	76-130				

Batch BL70492 - EPA 5030B

Blank (BL70492-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4,5-Tetramethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"



Volatile Organic Compounds 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 BL70492 - EPA 5030B

Blank (BL70492-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Bromobenzene	ND	0.50	ug/L								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.39		"	10.0		93.9	69-130				
Surrogate: Toluene-d8	9.62		"	10.0		96.2	81-117				
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Organic Compounds 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 BL70492 - EPA 5030B											
LCS (BL70492-BS1)						Prepared: 12/12/2017 Analyzed: 12/13/2017					
1,1,1,2-Tetrachloroethane	9.79		ug/L	10.0		97.9	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.20		"	10.0		92.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.44		"	10.0		94.4	82-123				
1,1-Dichloroethane	9.83		"	10.0		98.3	82-129				
1,1-Dichloroethylene	9.66		"	10.0		96.6	68-138				
1,1-Dichloropropylene	10.3		"	10.0		103	83-133				
1,2,3-Trichlorobenzene	5.63		"	10.0		56.3	76-136	Low Bias			
1,2,3-Trichloropropane	9.41		"	10.0		94.1	77-128				
1,2,4,5-Tetramethylbenzene	7.75		"	10.0		77.5	85-140	Low Bias			
1,2,4-Trichlorobenzene	5.90		"	10.0		59.0	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.97		"	10.0		99.7	82-132				
1,2-Dibromo-3-chloropropane	8.71		"	10.0		87.1	45-147				
1,2-Dibromoethane	9.73		"	10.0		97.3	83-124				
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123				
1,2-Dichloroethane	9.92		"	10.0		99.2	73-132				
1,2-Dichloropropane	9.07		"	10.0		90.7	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	9.57		"	10.0		95.7	86-122				
1,3-Dichloropropane	9.49		"	10.0		94.9	81-125				
1,4-Dichlorobenzene	9.58		"	10.0		95.8	85-124				
2,2-Dichloropropane	8.82		"	10.0		88.2	56-150				
2-Butanone	9.60		"	10.0		96.0	49-152				
2-Chlorotoluene	9.83		"	10.0		98.3	79-130				
2-Hexanone	7.48		"	10.0		74.8	51-146				
4-Chlorotoluene	10.0		"	10.0		100	79-128				
4-Methyl-2-pentanone	7.36		"	10.0		73.6	57-145				
Acetone	6.73		"	10.0		67.3	14-150				
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	9.32		"	10.0		93.2	78-129				
Bromochloromethane	8.70		"	10.0		87.0	77-128				
Bromodichloromethane	9.32		"	10.0		93.2	79-128				
Bromoform	9.49		"	10.0		94.9	78-133				
Bromomethane	2.26		"	10.0		22.6	43-168	Low Bias			
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	9.57		"	10.0		95.7	88-120				
Chloroethane	8.97		"	10.0		89.7	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.60		"	10.0		66.0	43-155				
cis-1,2-Dichloroethylene	9.69		"	10.0		96.9	83-129				
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131				
Dibromochloromethane	9.61		"	10.0		96.1	80-130				
Dibromomethane	9.45		"	10.0		94.5	72-134				
Dichlorodifluoromethane	12.8		"	10.0		128	44-144				
Ethyl Benzene	9.86		"	10.0		98.6	80-131				
Hexachlorobutadiene	4.56		"	10.0		45.6	67-146	Low Bias			
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl tert-butyl ether (MTBE)	9.85		"	10.0		98.5	76-135				
Methylene chloride	8.38		"	10.0		83.8	55-137				



Volatile Organic Compounds 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 BL70492 - EPA 5030B

LCS (BL70492-BS1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Naphthalene	6.57		ug/L	10.0		65.7	70-147	Low Bias			
n-Butylbenzene	9.49		"	10.0		94.9	79-132				
n-Propylbenzene	9.95		"	10.0		99.5	78-133				
o-Xylene	9.75		"	10.0		97.5	78-130				
p- & m- Xylenes	20.4		"	20.0		102	77-133				
p-Diethylbenzene	9.40		"	10.0		94.0	84-134				
p-Ethyltoluene	10.1		"	10.0		101	88-129				
p-Isopropyltoluene	9.91		"	10.0		99.1	81-136				
sec-Butylbenzene	9.97		"	10.0		99.7	79-137				
Styrene	9.71		"	10.0		97.1	67-132				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	11.0		"	10.0		110	82-131				
Toluene	9.60		"	10.0		96.0	80-127				
trans-1,2-Dichloroethylene	9.70		"	10.0		97.0	80-132				
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	78-131				
Trichloroethylene	9.42		"	10.0		94.2	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl Chloride	9.29		"	10.0		92.9	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.70		"	10.0		97.0	69-130				
Surrogate: Toluene-d8	9.67		"	10.0		96.7	81-117				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

LCS Dup (BL70492-BSD1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126		1.03	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		1.94	30	
1,1,2,2-Tetrachloroethane	9.24		"	10.0		92.4	76-129		0.434	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165		2.42	30	
1,1,2-Trichloroethane	9.52		"	10.0		95.2	82-123		0.844	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		1.71	30	
1,1-Dichloroethylene	9.85		"	10.0		98.5	68-138		1.95	30	
1,1-Dichloropropylene	10.3		"	10.0		103	83-133		0.388	30	
1,2,3-Trichlorobenzene	5.47		"	10.0		54.7	76-136	Low Bias	2.88	30	
1,2,3-Trichloropropane	9.35		"	10.0		93.5	77-128		0.640	30	
1,2,4,5-Tetramethylbenzene	7.75		"	10.0		77.5	85-140	Low Bias	0.00	30	
1,2,4-Trichlorobenzene	5.91		"	10.0		59.1	76-137	Low Bias	0.169	30	
1,2,4-Trimethylbenzene	9.93		"	10.0		99.3	82-132		0.402	30	
1,2-Dibromo-3-chloropropane	8.27		"	10.0		82.7	45-147		5.18	30	
1,2-Dibromoethane	9.67		"	10.0		96.7	83-124		0.619	30	
1,2-Dichlorobenzene	9.40		"	10.0		94.0	79-123		0.426	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		1.60	30	
1,2-Dichloropropane	9.06		"	10.0		90.6	78-126		0.110	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		0.885	30	
1,3-Dichlorobenzene	9.62		"	10.0		96.2	86-122		0.521	30	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		1.15	30	
1,4-Dichlorobenzene	9.56		"	10.0		95.6	85-124		0.209	30	
2,2-Dichloropropane	8.91		"	10.0		89.1	56-150		1.02	30	
2-Butanone	10.0		"	10.0		100	49-152		4.18	30	
2-Chlorotoluene	9.88		"	10.0		98.8	79-130		0.507	30	
2-Hexanone	7.72		"	10.0		77.2	51-146		3.16	30	
4-Chlorotoluene	9.98		"	10.0		99.8	79-128		0.200	30	
4-Methyl-2-pentanone	7.41		"	10.0		74.1	57-145		0.677	30	



Volatile Organic Compounds 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 BL70492 - EPA 5030B

LCS Dup (BL70492-BSD1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Acetone	8.11		ug/L	10.0		81.1	14-150		18.6	30	
Benzene	10.3		"	10.0		103	85-126		1.17	30	
Bromobenzene	9.47		"	10.0		94.7	78-129		1.60	30	
Bromochloromethane	8.96		"	10.0		89.6	77-128		2.94	30	
Bromodichloromethane	9.39		"	10.0		93.9	79-128		0.748	30	
Bromoform	9.56		"	10.0		95.6	78-133		0.735	30	
Bromomethane	2.40		"	10.0		24.0	43-168	Low Bias	6.01	30	
Carbon disulfide	10.1		"	10.0		101	68-146		1.39	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		1.59	30	
Chlorobenzene	9.67		"	10.0		96.7	88-120		1.04	30	
Chloroethane	9.13		"	10.0		91.3	65-136		1.77	30	
Chloroform	10.3		"	10.0		103	82-128		1.36	30	
Chloromethane	7.05		"	10.0		70.5	43-155		6.59	30	
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129		1.64	30	
cis-1,3-Dichloropropylene	9.25		"	10.0		92.5	80-131		0.869	30	
Dibromochloromethane	9.75		"	10.0		97.5	80-130		1.45	30	
Dibromomethane	9.36		"	10.0		93.6	72-134		0.957	30	
Dichlorodifluoromethane	12.6		"	10.0		126	44-144		1.34	30	
Ethyl Benzene	9.92		"	10.0		99.2	80-131		0.607	30	
Hexachlorobutadiene	4.74		"	10.0		47.4	67-146	Low Bias	3.87	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		0.299	30	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135		1.91	30	
Methylene chloride	8.55		"	10.0		85.5	55-137		2.01	30	
Naphthalene	6.56		"	10.0		65.6	70-147	Low Bias	0.152	30	
n-Butylbenzene	9.49		"	10.0		94.9	79-132		0.00	30	
n-Propylbenzene	9.91		"	10.0		99.1	78-133		0.403	30	
o-Xylene	9.81		"	10.0		98.1	78-130		0.613	30	
p- & m- Xylenes	20.5		"	20.0		102	77-133		0.244	30	
p-Diethylbenzene	9.52		"	10.0		95.2	84-134		1.27	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		0.885	30	
p-Isopropyltoluene	9.93		"	10.0		99.3	81-136		0.202	30	
sec-Butylbenzene	9.96		"	10.0		99.6	79-137		0.100	30	
Styrene	9.80		"	10.0		98.0	67-132		0.923	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		0.396	30	
Tetrachloroethylene	12.8		"	10.0		128	82-131		15.7	30	
Toluene	9.57		"	10.0		95.7	80-127		0.313	30	
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	80-132		0.412	30	
trans-1,3-Dichloropropylene	9.13		"	10.0		91.3	78-131		0.329	30	
Trichloroethylene	9.49		"	10.0		94.9	82-128		0.740	30	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		2.62	30	
Vinyl Chloride	9.61		"	10.0		96.1	58-145		3.39	30	
Surrogate: 1,2-Dichloroethane-d4	9.79		"	10.0		97.9	69-130				
Surrogate: Toluene-d8	9.63		"	10.0		96.3	81-117				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				



Volatile Organic Compounds 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 BL70555 - EPA 5035A

Blank (BL70555-BLK1)

Prepared & Analyzed: 12/13/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	ND	10	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
Naphthalene	ND	10	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"



Volatile Organic Compounds 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 BL70555 - EPA 5035A

Blank (BL70555-BLK1)

Prepared & Analyzed: 12/13/2017

o-Xylene	ND	5.0	ug/kg wet
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl acetate	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4 50.2 ug/L 50.0 100 77-125

Surrogate: Toluene-d8 49.0 " 50.0 98.0 85-120

Surrogate: p-Bromofluorobenzene 49.2 " 50.0 98.4 76-130

Blank (BL70555-BLK2)

Prepared & Analyzed: 12/13/2017

1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet
1,1,1-Trichloroethane	ND	500	"
1,1,2,2-Tetrachloroethane	ND	500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"
1,1,2-Trichloroethane	ND	500	"
1,1-Dichloroethane	ND	500	"
1,1-Dichloroethylene	ND	500	"
1,1-Dichloropropylene	ND	500	"
1,2,3-Trichlorobenzene	ND	500	"
1,2,3-Trichloropropane	ND	500	"
1,2,4-Trichlorobenzene	ND	500	"
1,2,4-Trimethylbenzene	ND	500	"
1,2-Dibromo-3-chloropropane	ND	500	"
1,2-Dibromoethane	ND	500	"
1,2-Dichlorobenzene	ND	500	"
1,2-Dichloroethane	ND	500	"
1,2-Dichloropropane	ND	500	"
1,3,5-Trimethylbenzene	ND	500	"
1,3-Dichlorobenzene	ND	500	"
1,3-Dichloropropane	ND	500	"
1,4-Dichlorobenzene	ND	500	"
1,4-Dioxane	ND	10000	"
2,2-Dichloropropane	ND	500	"
2-Butanone	ND	500	"
2-Chlorotoluene	ND	500	"
4-Chlorotoluene	ND	500	"
Acetone	ND	1000	"
Benzene	ND	500	"
Bromobenzene	ND	500	"
Bromochloromethane	ND	500	"
Bromodichloromethane	ND	500	"



Volatile Organic Compounds 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 BL70555 - EPA 5035A

Blank (BL70555-BLK2)

Prepared & Analyzed: 12/13/2017

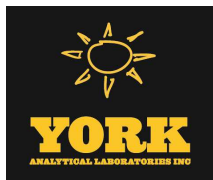
Bromoform	ND	500	ug/kg wet								
Bromomethane	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl acetate	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: 1,2-Dichloroethane-d4	43.5		ug/L	50.0		87.0	77-125				
Surrogate: Toluene-d8	48.9		"	50.0		97.9	85-120				
Surrogate: p-Bromofluorobenzene	51.1		"	50.0		102	76-130				



Volatile Organic Compounds 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 BL70555 - EPA 5035A											
LCS (BL70555-BS1)						Prepared & Analyzed: 12/13/2017					
1,1,1,2-Tetrachloroethane	56.4		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	46.9		"	50.0		93.8	71-137				
1,1,2,2-Tetrachloroethane	53.7		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.4		"	50.0		92.9	58-146				
1,1,2-Trichloroethane	54.9		"	50.0		110	83-123				
1,1-Dichloroethane	51.6		"	50.0		103	75-130				
1,1-Dichloroethylene	48.2		"	50.0		96.4	64-137				
1,1-Dichloropropylene	49.7		"	50.0		99.5	77-127				
1,2,3-Trichlorobenzene	61.5		"	50.0		123	81-140				
1,2,3-Trichloropropane	47.4		"	50.0		94.8	81-126				
1,2,4-Trichlorobenzene	62.9		"	50.0		126	80-141				
1,2,4-Trimethylbenzene	56.2		"	50.0		112	84-125				
1,2-Dibromo-3-chloropropane	51.0		"	50.0		102	74-142				
1,2-Dibromoethane	51.1		"	50.0		102	86-123				
1,2-Dichlorobenzene	59.0		"	50.0		118	85-122				
1,2-Dichloroethane	51.8		"	50.0		104	71-133				
1,2-Dichloropropane	52.6		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	65.7		"	50.0		131	82-126	High Bias			
1,3-Dichlorobenzene	58.2		"	50.0		116	84-124				
1,3-Dichloropropane	54.7		"	50.0		109	83-123				
1,4-Dichlorobenzene	59.5		"	50.0		119	84-124				
1,4-Dioxane	899		"	1000		89.9	10-228				
2,2-Dichloropropane	52.7		"	50.0		105	67-136				
2-Butanone	53.4		"	50.0		107	58-147				
2-Chlorotoluene	55.4		"	50.0		111	78-127				
4-Chlorotoluene	57.6		"	50.0		115	79-125				
Acetone	36.1		"	50.0		72.2	36-155				
Benzene	51.9		"	50.0		104	77-127				
Bromobenzene	57.9		"	50.0		116	77-129				
Bromochloromethane	50.7		"	50.0		101	74-129				
Bromodichloromethane	56.2		"	50.0		112	81-124				
Bromoform	52.9		"	50.0		106	80-136				
Bromomethane	18.4		"	50.0		36.9	32-177				
Carbon tetrachloride	50.8		"	50.0		102	66-143				
Chlorobenzene	54.0		"	50.0		108	86-120				
Chloroethane	38.2		"	50.0		76.3	51-142				
Chloroform	50.7		"	50.0		101	76-131				
Chloromethane	53.7		"	50.0		107	49-132				
cis-1,2-Dichloroethylene	39.6		"	50.0		79.3	74-132				
cis-1,3-Dichloropropylene	55.5		"	50.0		111	81-129				
Dibromochloromethane	53.8		"	50.0		108	10-200				
Dibromomethane	49.7		"	50.0		99.5	83-124				
Dichlorodifluoromethane	54.9		"	50.0		110	28-158				
Ethyl Benzene	53.6		"	50.0		107	84-125				
Hexachlorobutadiene	54.2		"	50.0		108	83-133				
Isopropylbenzene	53.0		"	50.0		106	81-127				
Methyl tert-butyl ether (MTBE)	53.0		"	50.0		106	74-131				
Methylene chloride	37.8		"	50.0		75.7	57-141				
Naphthalene	56.5		"	50.0		113	86-141				
n-Butylbenzene	56.7		"	50.0		113	80-130				
n-Propylbenzene	53.5		"	50.0		107	74-136				



Volatile Organic Compounds 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 BL70555 - EPA 5035A											
LCS (BL70555-BS1)						Prepared & Analyzed: 12/13/2017					
o-Xylene	54.2		ug/L	50.0		108	83-123				
p- & m- Xylenes	109		"	100		109	82-128				
p-Isopropyltoluene	53.2		"	50.0		106	85-125				
sec-Butylbenzene	52.9		"	50.0		106	83-125				
Styrene	55.2		"	50.0		110	86-126				
tert-Butylbenzene	55.0		"	50.0		110	80-127				
Tetrachloroethylene	50.0		"	50.0		99.9	80-129				
Toluene	52.8		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	51.1		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	55.3		"	50.0		111	78-132				
Trichloroethylene	52.7		"	50.0		105	84-123				
Trichlorofluoromethane	48.4		"	50.0		96.8	62-140				
Vinyl acetate	53.3		"	50.0		107	67-136				
Vinyl Chloride	47.0		"	50.0		93.9	52-130				
Surrogate: 1,2-Dichloroethane-d4	45.2		"	50.0		90.4	77-125				
Surrogate: Toluene-d8	48.7		"	50.0		97.5	85-120				
Surrogate: p-Bromofluorobenzene	49.2		"	50.0		98.4	76-130				
LCS Dup (BL70555-BSD1)						Prepared & Analyzed: 12/13/2017					
1,1,1,2-Tetrachloroethane	54.5		ug/L	50.0		109	75-129		3.44	30	
1,1,1-Trichloroethane	46.4		"	50.0		92.8	71-137		1.03	30	
1,1,2,2-Tetrachloroethane	53.1		"	50.0		106	79-129		1.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.2		"	50.0		94.4	58-146		1.64	30	
1,1,2-Trichloroethane	51.6		"	50.0		103	83-123		6.16	30	
1,1-Dichloroethane	49.4		"	50.0		98.8	75-130		4.30	30	
1,1-Dichloroethylene	47.7		"	50.0		95.4	64-137		1.04	30	
1,1-Dichloropropylene	48.0		"	50.0		96.1	77-127		3.48	30	
1,2,3-Trichlorobenzene	58.3		"	50.0		117	81-140		5.42	30	
1,2,3-Trichloropropane	49.7		"	50.0		99.4	81-126		4.76	30	
1,2,4-Trichlorobenzene	60.3		"	50.0		121	80-141		4.30	30	
1,2,4-Trimethylbenzene	55.4		"	50.0		111	84-125		1.38	30	
1,2-Dibromo-3-chloropropane	49.6		"	50.0		99.2	74-142		2.75	30	
1,2-Dibromoethane	48.9		"	50.0		97.8	86-123		4.28	30	
1,2-Dichlorobenzene	57.4		"	50.0		115	85-122		2.78	30	
1,2-Dichloroethane	49.6		"	50.0		99.2	71-133		4.34	30	
1,2-Dichloropropane	52.0		"	50.0		104	81-122		1.28	30	
1,3,5-Trimethylbenzene	54.2		"	50.0		108	82-126		19.1	30	
1,3-Dichlorobenzene	57.4		"	50.0		115	84-124		1.37	30	
1,3-Dichloropropane	51.0		"	50.0		102	83-123		7.00	30	
1,4-Dichlorobenzene	57.0		"	50.0		114	84-124		4.26	30	
1,4-Dioxane	968		"	1000		96.8	10-228		7.32	30	
2,2-Dichloropropane	51.6		"	50.0		103	67-136		1.99	30	
2-Butanone	45.9		"	50.0		91.9	58-147		14.9	30	
2-Chlorotoluene	55.1		"	50.0		110	78-127		0.507	30	
4-Chlorotoluene	57.6		"	50.0		115	79-125		0.104	30	
Acetone	34.4		"	50.0		68.7	36-155		4.99	30	
Benzene	51.8		"	50.0		104	77-127		0.212	30	
Bromobenzene	56.2		"	50.0		112	77-129		2.89	30	
Bromochloromethane	51.1		"	50.0		102	74-129		0.825	30	
Bromodichloromethane	52.5		"	50.0		105	81-124		6.68	30	
Bromoform	49.8		"	50.0		99.6	80-136		6.03	30	



Volatile Organic Compounds 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 BL70555 - EPA 5035A

LCS Dup (BL70555-BSD1)

Prepared & Analyzed: 12/13/2017

Bromomethane	15.9		ug/L	50.0		31.8	32-177	Low Bias	14.8	30	
Carbon tetrachloride	50.0		"	50.0		99.9	66-143		1.55	30	
Chlorobenzene	52.2		"	50.0		104	86-120		3.47	30	
Chloroethane	34.5		"	50.0		69.0	51-142		10.1	30	
Chloroform	51.7		"	50.0		103	76-131		1.97	30	
Chloromethane	53.0		"	50.0		106	49-132		1.22	30	
cis-1,2-Dichloroethylene	44.6		"	50.0		89.1	74-132		11.7	30	
cis-1,3-Dichloropropylene	51.2		"	50.0		102	81-129		8.23	30	
Dibromochloromethane	52.1		"	50.0		104	10-200		3.17	30	
Dibromomethane	48.8		"	50.0		97.6	83-124		1.89	30	
Dichlorodifluoromethane	54.1		"	50.0		108	28-158		1.43	30	
Ethyl Benzene	51.5		"	50.0		103	84-125		3.98	30	
Hexachlorobutadiene	53.6		"	50.0		107	83-133		1.06	30	
Isopropylbenzene	52.0		"	50.0		104	81-127		1.94	30	
Methyl tert-butyl ether (MTBE)	53.4		"	50.0		107	74-131		0.602	30	
Methylene chloride	36.1		"	50.0		72.1	57-141		4.76	30	
Naphthalene	54.9		"	50.0		110	86-141		2.94	30	
n-Butylbenzene	54.6		"	50.0		109	80-130		3.85	30	
n-Propylbenzene	53.2		"	50.0		106	74-136		0.563	30	
o-Xylene	50.8		"	50.0		102	83-123		6.55	30	
p- & m- Xylenes	104		"	100		104	82-128		4.59	30	
p-Isopropyltoluene	53.8		"	50.0		108	85-125		1.05	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		4.09	30	
Styrene	50.8		"	50.0		102	86-126		8.28	30	
tert-Butylbenzene	54.9		"	50.0		110	80-127		0.273	30	
Tetrachloroethylene	47.5		"	50.0		95.0	80-129		5.05	30	
Toluene	50.1		"	50.0		100	85-121		5.23	30	
trans-1,2-Dichloroethylene	51.0		"	50.0		102	72-132		0.176	30	
trans-1,3-Dichloropropylene	53.3		"	50.0		107	78-132		3.57	30	
Trichloroethylene	49.6		"	50.0		99.1	84-123		6.18	30	
Trichlorofluoromethane	47.9		"	50.0		95.7	62-140		1.06	30	
Vinyl acetate	52.5		"	50.0		105	67-136		1.53	30	
Vinyl Chloride	46.8		"	50.0		93.5	52-130		0.469	30	
Surrogate: 1,2-Dichloroethane-d4	45.6		"	50.0		91.3	77-125				
Surrogate: Toluene-d8	48.4		"	50.0		96.8	85-120				
Surrogate: p-Bromofluorobenzene	51.6		"	50.0		103	76-130				



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C

Blank (BL70496-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

1,2,4-Trichlorobenzene	ND	5.00	ug/L
1,2-Dichlorobenzene	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C

Blank (BL70496-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Hexachlorobenzene	ND	0.0200	ug/L
Hexachlorobutadiene	ND	0.500	"
Hexachlorocyclopentadiene	ND	5.00	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Isophorone	ND	5.00	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Phenol	ND	5.00	"
Pyrene	ND	0.0500	"
Pyridine	ND	5.00	"

Surrogate: 2-Fluorophenol	26.8	"	75.5	35.5	19.7-63.1
Surrogate: Phenol-d5	18.6	"	76.5	24.3	10.1-41.7
Surrogate: Nitrobenzene-d5	35.4	"	50.6	69.9	50.2-113
Surrogate: 2-Fluorobiphenyl	38.4	"	54.8	70.1	39.9-105
Surrogate: 2,4,6-Tribromophenol	62.6	"	76.0	82.4	39.3-151
Surrogate: Terphenyl-d14	25.7	"	53.0	48.4	30.7-106

Blank (BL70496-BLK2)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C											
LCS (BL70496-BS1)						Prepared: 12/12/2017 Analyzed: 12/13/2017					
1,2,4-Trichlorobenzene	16.7	5.00	ug/L	25.0		66.8	35-91				
1,2-Dichlorobenzene	16.0	5.00	"	25.0		64.0	42-85				
1,3-Dichlorobenzene	14.7	5.00	"	25.0		58.7	45-80				
1,4-Dichlorobenzene	16.5	5.00	"	25.0		66.1	42-82				
2,4,5-Trichlorophenol	16.5	5.00	"	25.0		66.0	36-112				
2,4,6-Trichlorophenol	17.1	5.00	"	25.0		68.3	41-107				
2,4-Dichlorophenol	18.2	5.00	"	25.0		72.9	43-92				
2,4-Dimethylphenol	16.8	5.00	"	25.0		67.4	25-92				
2,4-Dinitrophenol	14.4	5.00	"	25.0		57.4	10-149				
2,4-Dinitrotoluene	20.4	5.00	"	25.0		81.5	41-114				
2,6-Dinitrotoluene	20.2	5.00	"	25.0		81.0	49-106				
2-Chloronaphthalene	16.5	5.00	"	25.0		65.9	40-96				
2-Chlorophenol	15.2	5.00	"	25.0		60.9	35-84				
2-Methylnaphthalene	18.6	5.00	"	25.0		74.6	33-101				
2-Methylphenol	11.8	5.00	"	25.0		47.0	10-90				
2-Nitroaniline	19.6	5.00	"	25.0		78.2	31-122				
2-Nitrophenol	18.8	5.00	"	25.0		75.0	37-97				
3- & 4-Methylphenols	9.61	5.00	"	25.0		38.4	10-101				
3,3-Dichlorobenzidine	15.4	5.00	"	25.0		61.5	25-155				
3-Nitroaniline	14.4	5.00	"	25.0		57.4	29-128				
4,6-Dinitro-2-methylphenol	16.9	5.00	"	25.0		67.4	10-135				
4-Bromophenyl phenyl ether	18.0	5.00	"	25.0		71.8	38-116				
4-Chloro-3-methylphenol	17.0	5.00	"	25.0		68.0	28-101				
4-Chloroaniline	10.4	5.00	"	25.0		41.8	10-154				
4-Chlorophenyl phenyl ether	18.3	5.00	"	25.0		73.2	34-112				
4-Nitroaniline	18.1	5.00	"	25.0		72.4	15-143				
4-Nitrophenol	7.89	5.00	"	25.0		31.6	10-112				
Acenaphthene	18.4	0.0500	"	25.0		73.8	24-114				
Acenaphthylene	17.3	0.0500	"	25.0		69.2	26-112				
Aniline	3.76	5.00	"	25.0		15.0	10-107				
Anthracene	19.0	0.0500	"	25.0		75.8	35-114				
Benzo(a)anthracene	18.1	0.0500	"	25.0		72.3	38-127				
Benzo(a)pyrene	19.0	0.0500	"	25.0		76.0	30-146				
Benzo(b)fluoranthene	18.7	0.0500	"	25.0		74.7	36-145				
Benzo(g,h,i)perylene	19.5	0.0500	"	25.0		78.0	10-163				
Benzo(k)fluoranthene	20.1	0.0500	"	25.0		80.4	16-149				
Benzyl alcohol	9.85	5.00	"	25.0		39.4	18-75				
Benzyl butyl phthalate	18.2	5.00	"	25.0		72.7	28-129				
Bis(2-chloroethoxy)methane	18.0	5.00	"	25.0		72.0	27-112				
Bis(2-chloroethyl)ether	18.0	5.00	"	25.0		71.8	24-114				
Bis(2-chloroisopropyl)ether	14.6	5.00	"	25.0		58.2	21-124				
Bis(2-ethylhexyl)phthalate	17.9	0.500	"	25.0		71.8	10-171				
Chrysene	17.9	0.0500	"	25.0		71.6	33-120				
Dibenzo(a,h)anthracene	18.8	0.0500	"	25.0		75.2	10-149				
Dibenzofuran	17.5	5.00	"	25.0		70.2	42-105				
Diethyl phthalate	17.8	5.00	"	25.0		71.1	38-112				
Dimethyl phthalate	17.1	5.00	"	25.0		68.5	49-106				
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.8	36-110				
Di-n-octyl phthalate	19.0	5.00	"	25.0		75.9	12-149				
Fluoranthene	19.7	0.0500	"	25.0		78.6	33-126				
Fluorene	18.7	0.0500	"	25.0		74.8	28-117				



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C

LCS (BL70496-BS1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Hexachlorobenzene	15.7	0.0200	ug/L	25.0		62.6	27-120				
Hexachlorobutadiene	16.5	0.500	"	25.0		65.9	25-106				
Hexachlorocyclopentadiene	2.79	5.00	"	25.0		11.2	10-99				
Hexachloroethane	15.9	0.500	"	25.0		63.5	33-84				
Indeno(1,2,3-cd)pyrene	18.6	0.0500	"	25.0		74.2	10-150				
Isophorone	17.6	5.00	"	25.0		70.6	29-115				
Naphthalene	17.4	0.0500	"	25.0		69.5	30-99				
Nitrobenzene	15.4	0.250	"	25.0		61.6	32-113				
N-Nitrosodimethylamine	6.50	0.500	"	25.0		26.0	10-63				
N-nitroso-di-n-propylamine	14.7	5.00	"	25.0		59.0	36-118				
N-Nitrosodiphenylamine	20.9	5.00	"	25.0		83.7	27-145				
Pentachlorophenol	14.1	0.250	"	25.0		56.4	19-127				
Phenanthrene	19.0	0.0500	"	25.0		76.2	31-112				
Phenol	7.28	5.00	"	25.0		29.1	10-37				
Pyrene	18.0	0.0500	"	25.0		72.0	42-125				
Pyridine	3.11	5.00	"	25.0		12.4	10-46				
Surrogate: 2-Fluorophenol	28.0		"	75.5		37.1	19.7-63.1				
Surrogate: Phenol-d5	17.5		"	76.5		22.9	10.1-41.7				
Surrogate: Nitrobenzene-d5	36.9		"	50.6		72.9	50.2-113				
Surrogate: 2-Fluorobiphenyl	38.5		"	54.8		70.3	39.9-105				
Surrogate: 2,4,6-Tribromophenol	61.0		"	76.0		80.3	39.3-151				
Surrogate: Terphenyl-d14	26.4		"	53.0		49.8	30.7-106				

LCS (BL70496-BS2)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Acenaphthene	0.820	0.0500	ug/L	1.00		82.0	24-114				
Acenaphthylene	0.840	0.0500	"	1.00		84.0	26-112				
Anthracene	0.910	0.0500	"	1.00		91.0	35-114				
Benzo(a)anthracene	1.05	0.0500	"	1.00		105	38-127				
Benzo(a)pyrene	1.03	0.0500	"	1.00		103	30-146				
Benzo(b)fluoranthene	1.05	0.0500	"	1.00		105	36-145				
Benzo(g,h,i)perylene	1.03	0.0500	"	1.00		103	10-163				
Benzo(k)fluoranthene	0.950	0.0500	"	1.00		95.0	16-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Chrysene	0.920	0.0500	"	1.00		92.0	33-120				
Dibenzo(a,h)anthracene	0.980	0.0500	"	1.00		98.0	10-149				
Fluoranthene	1.05	0.0500	"	1.00		105	33-126				
Fluorene	0.880	0.0500	"	1.00		88.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.01	0.0500	"	1.00		101	10-150				
Naphthalene	0.870	0.0500	"	1.00		87.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.850	0.0500	"	1.00		85.0	31-112				
Pyrene	1.03	0.0500	"	1.00		103	42-125				



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C											
LCS Dup (BL70496-BSD1)						Prepared: 12/12/2017 Analyzed: 12/13/2017					
1,2,4-Trichlorobenzene	16.5	5.00	ug/L	25.0		66.0	35-91		1.26	20	
1,2-Dichlorobenzene	17.5	5.00	"	25.0		69.9	42-85		8.85	20	
1,3-Dichlorobenzene	16.1	5.00	"	25.0		64.3	45-80		9.04	20	
1,4-Dichlorobenzene	17.6	5.00	"	25.0		70.4	42-82		6.27	20	
2,4,5-Trichlorophenol	15.0	5.00	"	25.0		60.0	36-112		9.65	20	
2,4,6-Trichlorophenol	16.0	5.00	"	25.0		64.1	41-107		6.40	20	
2,4-Dichlorophenol	16.9	5.00	"	25.0		67.4	43-92		7.81	20	
2,4-Dimethylphenol	17.3	5.00	"	25.0		69.2	25-92		2.58	20	
2,4-Dinitrophenol	13.5	5.00	"	25.0		54.1	10-149		6.03	20	
2,4-Dinitrotoluene	20.2	5.00	"	25.0		80.7	41-114		0.937	20	
2,6-Dinitrotoluene	19.6	5.00	"	25.0		78.2	49-106		3.47	20	
2-Chloronaphthalene	15.5	5.00	"	25.0		62.1	40-96		6.00	20	
2-Chlorophenol	16.3	5.00	"	25.0		65.2	35-84		6.85	20	
2-Methylnaphthalene	18.6	5.00	"	25.0		74.4	33-101		0.322	20	
2-Methylphenol	12.8	5.00	"	25.0		51.4	10-90		8.94	20	
2-Nitroaniline	18.7	5.00	"	25.0		74.7	31-122		4.60	20	
2-Nitrophenol	18.5	5.00	"	25.0		73.8	37-97		1.61	20	
3- & 4-Methylphenols	10.6	5.00	"	25.0		42.4	10-101		9.89	20	
3,3-Dichlorobenzidine	15.8	5.00	"	25.0		63.2	25-155		2.63	20	
3-Nitroaniline	15.8	5.00	"	25.0		63.0	29-128		9.30	20	
4,6-Dinitro-2-methylphenol	16.9	5.00	"	25.0		67.6	10-135		0.178	20	
4-Bromophenyl phenyl ether	17.4	5.00	"	25.0		69.4	38-116		3.46	20	
4-Chloro-3-methylphenol	17.3	5.00	"	25.0		69.0	28-101		1.52	20	
4-Chloroaniline	11.4	5.00	"	25.0		45.7	10-154		8.97	20	
4-Chlorophenyl phenyl ether	17.0	5.00	"	25.0		68.2	34-112		7.13	20	
4-Nitroaniline	17.3	5.00	"	25.0		69.1	15-143		4.69	20	
4-Nitrophenol	7.56	5.00	"	25.0		30.2	10-112		4.27	20	
Acenaphthene	17.2	0.0500	"	25.0		68.8	24-114		7.02	20	
Acenaphthylene	16.0	0.0500	"	25.0		63.9	26-112		7.93	20	
Aniline	4.37	5.00	"	25.0		17.5	10-107		15.0	20	
Anthracene	18.9	0.0500	"	25.0		75.6	35-114		0.370	20	
Benzo(a)anthracene	19.6	0.0500	"	25.0		78.2	38-127		7.87	20	
Benzo(a)pyrene	20.5	0.0500	"	25.0		81.9	30-146		7.45	20	
Benzo(b)fluoranthene	19.7	0.0500	"	25.0		78.9	36-145		5.47	20	
Benzo(g,h,i)perylene	20.2	0.0500	"	25.0		80.7	10-163		3.38	20	
Benzo(k)fluoranthene	20.8	0.0500	"	25.0		83.2	16-149		3.47	20	
Benzyl alcohol	10.8	5.00	"	25.0		43.2	18-75		9.29	20	
Benzyl butyl phthalate	19.4	5.00	"	25.0		77.6	28-129		6.44	20	
Bis(2-chloroethoxy)methane	18.6	5.00	"	25.0		74.3	27-112		3.17	20	
Bis(2-chloroethyl)ether	18.9	5.00	"	25.0		75.6	24-114		5.15	20	
Bis(2-chloroisopropyl)ether	15.4	5.00	"	25.0		61.6	21-124		5.61	20	
Bis(2-ethylhexyl)phthalate	19.1	0.500	"	25.0		76.2	10-171		6.05	20	
Chrysene	19.0	0.0500	"	25.0		75.9	33-120		5.86	20	
Dibenzo(a,h)anthracene	19.6	0.0500	"	25.0		78.3	10-149		4.06	20	
Dibenzofuran	16.7	5.00	"	25.0		66.7	42-105		5.09	20	
Diethyl phthalate	17.4	5.00	"	25.0		69.8	38-112		1.87	20	
Dimethyl phthalate	16.5	5.00	"	25.0		65.9	49-106		3.87	20	
Di-n-butyl phthalate	18.5	5.00	"	25.0		73.9	36-110		0.162	20	
Di-n-octyl phthalate	20.0	5.00	"	25.0		80.0	12-149		5.24	20	
Fluoranthene	20.3	0.0500	"	25.0		81.3	33-126		3.30	20	
Fluorene	17.7	0.0500	"	25.0		70.6	28-117		5.72	20	



Semivolatile Organic Compounds 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 BL70496 - EPA 3510C

LCS Dup (BL70496-BSD1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Hexachlorobenzene	15.9	0.0200	ug/L	25.0		63.6	27-120		1.52	20	
Hexachlorobutadiene	16.2	0.500	"	25.0		65.0	25-106		1.34	20	
Hexachlorocyclopentadiene	2.98	5.00	"	25.0		11.9	10-99		6.59	20	
Hexachloroethane	16.8	0.500	"	25.0		67.2	33-84		5.75	20	
Indeno(1,2,3-cd)pyrene	19.1	0.0500	"	25.0		76.5	10-150		3.03	20	
Isophorone	17.2	5.00	"	25.0		68.6	29-115		2.87	20	
Naphthalene	17.4	0.0500	"	25.0		69.5	30-99		0.0575	20	
Nitrobenzene	15.1	0.250	"	25.0		60.2	32-113		2.30	20	
N-Nitrosodimethylamine	7.08	0.500	"	25.0		28.3	10-63		8.54	20	
N-nitroso-di-n-propylamine	16.1	5.00	"	25.0		64.4	36-118		8.82	20	
N-Nitrosodiphenylamine	20.3	5.00	"	25.0		81.2	27-145		3.06	20	
Pentachlorophenol	14.8	0.250	"	25.0		59.4	19-127		5.11	20	
Phenanthrene	18.9	0.0500	"	25.0		75.8	31-112		0.527	20	
Phenol	7.78	5.00	"	25.0		31.1	10-37		6.64	20	
Pyrene	18.8	0.0500	"	25.0		75.0	42-125		4.03	20	
Pyridine	2.89	5.00	"	25.0		11.6	10-46		7.33	20	
Surrogate: 2-Fluorophenol	31.7		"	75.5		42.0	19.7-63.1				
Surrogate: Phenol-d5	21.9		"	76.5		28.7	10.1-41.7				
Surrogate: Nitrobenzene-d5	35.9		"	50.6		70.9	50.2-113				
Surrogate: 2-Fluorobiphenyl	34.9		"	54.8		63.6	39.9-105				
Surrogate: 2,4,6-Tribromophenol	60.3		"	76.0		79.3	39.3-151				
Surrogate: Terphenyl-d14	25.7		"	53.0		48.4	30.7-106				

Batch BL70575 - EPA 3550C

Blank (BL70575-BLK1)

Prepared & Analyzed: 12/13/2017

1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-Dichlorobenzene	ND	41.7	"
2,4,5-Trichlorophenol	ND	41.7	"
2,4,6-Trichlorophenol	ND	41.7	"
2,4-Dichlorophenol	ND	41.7	"
2,4-Dimethylphenol	ND	41.7	"
2,4-Dinitrophenol	ND	83.3	"
2,4-Dinitrotoluene	ND	41.7	"
2,6-Dinitrotoluene	ND	41.7	"
2-Chloronaphthalene	ND	41.7	"
2-Chlorophenol	ND	41.7	"
2-Methylnaphthalene	ND	41.7	"
2-Methylphenol	ND	41.7	"
2-Nitroaniline	ND	83.3	"
2-Nitrophenol	ND	41.7	"
3- & 4-Methylphenols	ND	41.7	"
3,3-Dichlorobenzidine	ND	41.7	"
3-Nitroaniline	ND	83.3	"
4,6-Dinitro-2-methylphenol	ND	83.3	"
4-Bromophenyl phenyl ether	ND	41.7	"
4-Chloro-3-methylphenol	ND	41.7	"
4-Chloroaniline	ND	41.7	"
4-Chlorophenyl phenyl ether	ND	41.7	"



Semivolatile Organic Compounds 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 BL70575 - EPA 3550C

Blank (BL70575-BLK1)

Prepared & Analyzed: 12/13/2017

4-Nitroaniline	ND	83.3	ug/kg wet								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	47.7	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
Surrogate: 2-Fluorophenol	2360		"	2520		93.8	20-108				
Surrogate: Phenol-d5	2580		"	2550		101	23-114				
Surrogate: Nitrobenzene-d5	1900		"	1690		113	22-108				
Surrogate: 2-Fluorobiphenyl	1750		"	1830		95.7	21-113				
Surrogate: 2,4,6-Tribromophenol	3400		"	2530		134	19-110				
Surrogate: Terphenyl-d14	1450		"	1770		81.9	24-116				



Semivolatile Organic Compounds 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 BL70575 - EPA 3550C											
LCS (BL70575-BS1)						Prepared & Analyzed: 12/13/2017					
1,2,4-Trichlorobenzene	670	41.7	ug/kg wet	833		80.4	23-130				
1,2-Dichlorobenzene	649	41.7	"	833		77.8	26-113				
1,3-Dichlorobenzene	613	41.7	"	833		73.5	32-113				
1,4-Dichlorobenzene	623	41.7	"	833		74.7	28-111				
2,4,5-Trichlorophenol	793	41.7	"	833		95.2	14-138				
2,4,6-Trichlorophenol	795	41.7	"	833		95.4	27-122				
2,4-Dichlorophenol	751	41.7	"	833		90.1	23-133				
2,4-Dimethylphenol	777	41.7	"	833		93.3	15-131				
2,4-Dinitrophenol	792	83.3	"	833		95.1	10-149				
2,4-Dinitrotoluene	1040	41.7	"	833		124	30-123	High Bias			
2,6-Dinitrotoluene	1050	41.7	"	833		126	30-125	High Bias			
2-Chloronaphthalene	658	41.7	"	833		79.0	22-115				
2-Chlorophenol	700	41.7	"	833		84.0	25-121				
2-Methylnaphthalene	727	41.7	"	833		87.2	16-127				
2-Methylphenol	712	41.7	"	833		85.5	10-146				
2-Nitroaniline	908	83.3	"	833		109	24-126				
2-Nitrophenol	1050	41.7	"	833		126	17-129				
3- & 4-Methylphenols	684	41.7	"	833		82.1	20-109				
3,3-Dichlorobenzidine	631	41.7	"	833		75.7	10-147				
3-Nitroaniline	788	83.3	"	833		94.6	23-123				
4,6-Dinitro-2-methylphenol	1120	83.3	"	833		134	10-149				
4-Bromophenyl phenyl ether	751	41.7	"	833		90.1	30-138				
4-Chloro-3-methylphenol	726	41.7	"	833		87.1	16-138				
4-Chloroaniline	346	41.7	"	833		41.6	10-117				
4-Chlorophenyl phenyl ether	720	41.7	"	833		86.4	18-132				
4-Nitroaniline	921	83.3	"	833		111	14-125				
4-Nitrophenol	765	83.3	"	833		91.8	10-136				
Acenaphthene	716	41.7	"	833		86.0	17-124				
Acenaphthylene	680	41.7	"	833		81.6	16-124				
Aniline	489	167	"	833		58.7	10-111				
Anthracene	752	41.7	"	833		90.3	24-124				
Benzo(a)anthracene	781	41.7	"	833		93.8	25-134				
Benzo(a)pyrene	764	41.7	"	833		91.7	29-144				
Benzo(b)fluoranthene	767	41.7	"	833		92.0	20-151				
Benzo(g,h,i)perylene	783	41.7	"	833		94.0	10-153				
Benzo(k)fluoranthene	736	41.7	"	833		88.3	10-148				
Benzyl alcohol	683	41.7	"	833		82.0	17-128				
Benzyl butyl phthalate	740	41.7	"	833		88.8	10-132				
Bis(2-chloroethoxy)methane	769	41.7	"	833		92.3	10-129				
Bis(2-chloroethyl)ether	763	41.7	"	833		91.6	14-125				
Bis(2-chloroisopropyl)ether	695	41.7	"	833		83.4	14-122				
Bis(2-ethylhexyl)phthalate	711	41.7	"	833		85.3	10-141				
Chrysene	719	41.7	"	833		86.3	24-116				
Dibenzo(a,h)anthracene	798	41.7	"	833		95.8	17-147				
Dibenzofuran	678	41.7	"	833		81.4	23-123				
Diethyl phthalate	648	41.7	"	833		77.7	23-122				
Dimethyl phthalate	666	41.7	"	833		80.0	28-127				
Di-n-butyl phthalate	684	41.7	"	833		82.0	19-123				
Di-n-octyl phthalate	805	41.7	"	833		96.6	10-132				
Fluoranthene	778	41.7	"	833		93.3	36-125				
Fluorene	713	41.7	"	833		85.6	16-130				



Semivolatile Organic Compounds 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 BL70575 - EPA 3550C

LCS (BL70575-BS1)

Prepared & Analyzed: 12/13/2017

Hexachlorobenzene	509	41.7	ug/kg wet	833		61.1	10-129				
Hexachlorobutadiene	661	41.7	"	833		79.3	22-153				
Hexachlorocyclopentadiene	154	41.7	"	833		18.4	10-134				
Hexachloroethane	598	41.7	"	833		71.7	20-112				
Indeno(1,2,3-cd)pyrene	796	41.7	"	833		95.5	10-155				
Isophorone	681	41.7	"	833		81.7	14-131				
Naphthalene	697	41.7	"	833		83.7	20-121				
Nitrobenzene	791	41.7	"	833		95.0	20-121				
N-Nitrosodimethylamine	579	41.7	"	833		69.5	10-124				
N-nitroso-di-n-propylamine	633	41.7	"	833		75.9	21-119				
N-Nitrosodiphenylamine	796	41.7	"	833		95.6	10-163				
Pentachlorophenol	615	41.7	"	833		73.8	10-143				
Phenanthrene	745	41.7	"	833		89.4	24-123				
Phenol	801	41.7	"	833		96.1	15-123				
Pyrene	764	41.7	"	833		91.6	24-132				
Pyridine	520	167	"	833		62.4	10-92				
Surrogate: 2-Fluorophenol	2050		"	2520		81.4	20-108				
Surrogate: Phenol-d5	2260		"	2550		88.5	23-114				
Surrogate: Nitrobenzene-d5	1660		"	1690		98.6	22-108				
Surrogate: 2-Fluorobiphenyl	1480		"	1830		81.2	21-113				
Surrogate: 2,4,6-Tribromophenol	2810		"	2530		111	30-130				
Surrogate: Terphenyl-d14	1200		"	1770		67.9	24-116				

Matrix Spike (BL70575-MS1)

*Source sample: 17L0337-10 (SP-5 (15'-17'))

Prepared & Analyzed: 12/13/2017

1,2,4-Trichlorobenzene	671	84.8	ug/kg dry	848	ND	79.2	15-139				
1,2-Dichlorobenzene	631	84.8	"	848	ND	74.5	29-106				
1,3-Dichlorobenzene	634	84.8	"	848	ND	74.8	34-100				
1,4-Dichlorobenzene	617	84.8	"	848	ND	72.8	26-107				
2,4,5-Trichlorophenol	759	84.8	"	848	ND	89.5	10-148				
2,4,6-Trichlorophenol	713	84.8	"	848	ND	84.2	12-138				
2,4-Dichlorophenol	742	84.8	"	848	ND	87.6	16-144				
2,4-Dimethylphenol	783	84.8	"	848	ND	92.4	11-133				
2,4-Dinitrophenol	ND	169	"	848	ND		10-132			Low Bias	
2,4-Dinitrotoluene	1050	84.8	"	848	ND	124	42-113			High Bias	
2,6-Dinitrotoluene	1080	84.8	"	848	ND	128	36-124			High Bias	
2-Chloronaphthalene	698	84.8	"	848	ND	82.3	31-116				
2-Chlorophenol	699	84.8	"	848	ND	82.5	28-114				
2-Methylnaphthalene	757	84.8	"	848	ND	89.3	10-143				
2-Methylphenol	784	84.8	"	848	ND	92.5	10-160				
2-Nitroaniline	879	169	"	848	ND	104	33-122				
2-Nitrophenol	988	84.8	"	848	ND	117	12-127				
3- & 4-Methylphenols	715	84.8	"	848	ND	84.3	16-115				
3,3-Dichlorobenzidine	618	84.8	"	848	ND	73.0	10-134				
3-Nitroaniline	915	169	"	848	ND	108	24-128				
4,6-Dinitro-2-methylphenol	161	169	"	848	ND	19.0	10-149				
4-Bromophenyl phenyl ether	784	84.8	"	848	ND	92.5	32-148				
4-Chloro-3-methylphenol	730	84.8	"	848	ND	86.1	14-138				
4-Chloroaniline	407	84.8	"	848	ND	48.1	10-124				
4-Chlorophenyl phenyl ether	741	84.8	"	848	ND	87.4	10-153				
4-Nitroaniline	876	169	"	848	ND	103	10-151				
4-Nitrophenol	771	169	"	848	ND	91.0	10-141				



Semivolatile Organic Compounds 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 BL70575 - EPA 3550C

Matrix Spike (BL70575-MS1)		*Source sample: 17L0337-10 (SP-5 (15'-17'))					Prepared & Analyzed: 12/13/2017				
Acenaphthene	753	84.8	ug/kg dry	848	ND	88.8	13-133				
Acenaphthylene	727	84.8	"	848	ND	85.8	25-125				
Aniline	382	340	"	848	ND	45.1	10-112				
Anthracene	808	84.8	"	848	ND	95.3	27-128				
Benzo(a)anthracene	805	84.8	"	848	ND	95.0	20-147				
Benzo(a)pyrene	847	84.8	"	848	ND	99.9	18-153				
Benzo(b)fluoranthene	848	84.8	"	848	ND	100	10-163				
Benzo(g,h,i)perylene	830	84.8	"	848	ND	97.9	10-157				
Benzo(k)fluoranthene	805	84.8	"	848	ND	95.0	10-157				
Benzyl alcohol	635	84.8	"	848	ND	75.0	20-122				
Benzyl butyl phthalate	745	84.8	"	848	ND	87.9	10-129				
Bis(2-chloroethoxy)methane	773	84.8	"	848	ND	91.2	12-128				
Bis(2-chloroethyl)ether	803	84.8	"	848	ND	94.7	18-113				
Bis(2-chloroisopropyl)ether	710	84.8	"	848	ND	83.8	10-130				
Bis(2-ethylhexyl)phthalate	696	84.8	"	848	ND	82.1	10-138				
Chrysene	756	84.8	"	848	ND	89.2	18-133				
Dibenzo(a,h)anthracene	867	84.8	"	848	ND	102	10-146				
Dibenzofuran	732	84.8	"	848	ND	86.4	26-134				
Diethyl phthalate	702	84.8	"	848	ND	82.8	30-119				
Dimethyl phthalate	737	84.8	"	848	ND	87.0	34-120				
Di-n-butyl phthalate	728	84.8	"	848	ND	85.9	20-128				
Di-n-octyl phthalate	824	84.8	"	848	ND	97.2	10-133				
Fluoranthene	835	84.8	"	848	ND	98.6	10-155				
Fluorene	778	84.8	"	848	ND	91.8	12-150				
Hexachlorobenzene	516	84.8	"	848	ND	60.9	16-142				
Hexachlorobutadiene	628	84.8	"	848	ND	74.1	11-150				
Hexachlorocyclopentadiene	59.0	84.8	"	848	ND	6.96	10-115	Low Bias			
Hexachloroethane	576	84.8	"	848	ND	67.9	14-106				
Indeno(1,2,3-cd)pyrene	848	84.8	"	848	ND	100	10-155				
Isophorone	689	84.8	"	848	ND	81.3	14-127				
Naphthalene	719	84.8	"	848	ND	84.9	15-132				
Nitrobenzene	738	84.8	"	848	ND	87.0	18-125				
N-Nitrosodimethylamine	555	84.8	"	848	ND	65.4	10-123				
N-nitroso-di-n-propylamine	648	84.8	"	848	ND	76.4	23-115				
N-Nitrosodiphenylamine	815	84.8	"	848	ND	96.2	16-166				
Pentachlorophenol	159	84.8	"	848	ND	18.8	10-160				
Phenanthrene	787	84.8	"	848	ND	92.9	10-151				
Phenol	794	84.8	"	848	ND	93.7	11-124				
Pyrene	761	84.8	"	848	ND	89.8	13-148				
Pyridine	469	340	"	848	ND	55.4	10-125				
Surrogate: 2-Fluorophenol	2140		"	2560		83.5	20-108				
Surrogate: Phenol-d5	2460		"	2590		94.7	23-114				
Surrogate: Nitrobenzene-d5	1730		"	1720		101	22-108				
Surrogate: 2-Fluorobiphenyl	1590		"	1860		85.4	21-113				
Surrogate: 2,4,6-Tribromophenol	2680		"	2580		104	30-130				
Surrogate: Terphenyl-d14	1290		"	1800		71.5	24-116				



Semivolatile Organic Compounds 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 BL70575 - EPA 3550C											
Matrix Spike Dup (BL70575-MSD1)		*Source sample: 17L0337-10 (SP-5 (15'-17'))					Prepared & Analyzed: 12/13/2017				
1,2,4-Trichlorobenzene	646	85.1	ug/kg dry	850	ND	76.0	15-139		3.79	30	
1,2-Dichlorobenzene	614	85.1	"	850	ND	72.2	29-106		2.83	30	
1,3-Dichlorobenzene	599	85.1	"	850	ND	70.5	34-100		5.61	30	
1,4-Dichlorobenzene	631	85.1	"	850	ND	74.2	26-107		2.29	30	
2,4,5-Trichlorophenol	730	85.1	"	850	ND	85.8	10-148		3.86	30	
2,4,6-Trichlorophenol	650	85.1	"	850	ND	76.5	12-138		9.23	30	
2,4-Dichlorophenol	699	85.1	"	850	ND	82.2	16-144		5.98	30	
2,4-Dimethylphenol	754	85.1	"	850	ND	88.6	11-133		3.82	30	
2,4-Dinitrophenol	ND	170	"	850	ND		10-132	Low Bias		30	
2,4-Dinitrotoluene	1060	85.1	"	850	ND	125	42-113	High Bias	1.11	30	
2,6-Dinitrotoluene	1460	85.1	"	850	ND	171	36-124	High Bias	29.3	30	
2-Chloronaphthalene	690	85.1	"	850	ND	81.2	31-116		1.04	30	
2-Chlorophenol	681	85.1	"	850	ND	80.1	28-114		2.62	30	
2-Methylnaphthalene	742	85.1	"	850	ND	87.3	10-143		1.93	30	
2-Methylphenol	747	85.1	"	850	ND	87.8	10-160		4.81	30	
2-Nitroaniline	890	170	"	850	ND	105	33-122		1.25	30	
2-Nitrophenol	932	85.1	"	850	ND	110	12-127		5.82	30	
3- & 4-Methylphenols	662	85.1	"	850	ND	77.8	16-115		7.66	30	
3,3-Dichlorobenzidine	608	85.1	"	850	ND	71.5	10-134		1.66	30	
3-Nitroaniline	874	170	"	850	ND	103	24-128		4.53	30	
4,6-Dinitro-2-methylphenol	236	170	"	850	ND	27.8	10-149		37.6	30	Non-dir.
4-Bromophenyl phenyl ether	752	85.1	"	850	ND	88.5	32-148		4.09	30	
4-Chloro-3-methylphenol	699	85.1	"	850	ND	82.2	14-138		4.33	30	
4-Chloroaniline	412	85.1	"	850	ND	48.5	10-124		1.16	30	
4-Chlorophenyl phenyl ether	763	85.1	"	850	ND	89.8	10-153		2.95	30	
4-Nitroaniline	902	170	"	850	ND	106	10-151		2.93	30	
4-Nitrophenol	737	170	"	850	ND	86.7	10-141		4.44	30	
Acenaphthene	742	85.1	"	850	ND	87.2	13-133		1.49	30	
Acenaphthylene	714	85.1	"	850	ND	83.9	25-125		1.84	30	
Aniline	374	341	"	850	ND	44.0	10-112		2.18	30	
Anthracene	790	85.1	"	850	ND	92.9	27-128		2.22	30	
Benzo(a)anthracene	769	85.1	"	850	ND	90.5	20-147		4.50	30	
Benzo(a)pyrene	830	85.1	"	850	ND	97.6	18-153		2.02	30	
Benzo(b)fluoranthene	799	85.1	"	850	ND	93.9	10-163		6.02	30	
Benzo(g,h,i)perylene	803	85.1	"	850	ND	94.4	10-157		3.33	30	
Benzo(k)fluoranthene	762	85.1	"	850	ND	89.6	10-157		5.48	30	
Benzyl alcohol	659	85.1	"	850	ND	77.4	20-122		3.59	30	
Benzyl butyl phthalate	722	85.1	"	850	ND	85.0	10-129		3.09	30	
Bis(2-chloroethoxy)methane	748	85.1	"	850	ND	87.9	12-128		3.33	30	
Bis(2-chloroethyl)ether	769	85.1	"	850	ND	90.5	18-113		4.25	30	
Bis(2-chloroisopropyl)ether	678	85.1	"	850	ND	79.8	10-130		4.56	30	
Bis(2-ethylhexyl)phthalate	665	85.1	"	850	ND	78.2	10-138		4.56	30	
Chrysene	729	85.1	"	850	ND	85.7	18-133		3.69	30	
Dibenzo(a,h)anthracene	824	85.1	"	850	ND	96.9	10-146		5.05	30	
Dibenzofuran	707	85.1	"	850	ND	83.1	26-134		3.54	30	
Diethyl phthalate	661	85.1	"	850	ND	77.7	30-119		6.05	30	
Dimethyl phthalate	713	85.1	"	850	ND	83.8	34-120		3.32	30	
Di-n-butyl phthalate	714	85.1	"	850	ND	83.9	20-128		2.02	30	
Di-n-octyl phthalate	786	85.1	"	850	ND	92.5	10-133		4.64	30	
Fluoranthene	827	85.1	"	850	ND	97.2	10-155		1.06	30	
Fluorene	764	85.1	"	850	ND	89.8	12-150		1.78	30	



Semivolatile Organic Compounds 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 BL70575 - EPA 3550C

Matrix Spike Dup (BL70575-MSD1)		*Source sample: 17L0337-10 (SP-5 (15'-17'))					Prepared & Analyzed: 12/13/2017				
Hexachlorobenzene	529	85.1	ug/kg dry	850	ND	62.2	16-142		2.54	30	
Hexachlorobutadiene	647	85.1	"	850	ND	76.1	11-150		3.00	30	
Hexachlorocyclopentadiene	66.0	85.1	"	850	ND	7.76	10-115	Low Bias	11.2	30	
Hexachloroethane	563	85.1	"	850	ND	66.2	14-106		2.17	30	
Indeno(1,2,3-cd)pyrene	822	85.1	"	850	ND	96.6	10-155		3.16	30	
Isophorone	687	85.1	"	850	ND	80.8	14-127		0.260	30	
Naphthalene	710	85.1	"	850	ND	83.5	15-132		1.28	30	
Nitrobenzene	764	85.1	"	850	ND	89.8	18-125		3.50	30	
N-Nitrosodimethylamine	538	85.1	"	850	ND	63.3	10-123		3.02	30	
N-nitroso-di-n-propylamine	616	85.1	"	850	ND	72.5	23-115		4.93	30	
N-Nitrosodiphenylamine	850	85.1	"	850	ND	99.9	16-166		4.17	30	
Pentachlorophenol	187	85.1	"	850	ND	22.0	10-160		16.0	30	
Phenanthrene	771	85.1	"	850	ND	90.6	10-151		2.11	30	
Phenol	812	85.1	"	850	ND	95.5	11-124		2.28	30	
Pyrene	749	85.1	"	850	ND	88.1	13-148		1.65	30	
Pyridine	447	341	"	850	ND	52.6	10-125		4.86	30	
<i>Surrogate: 2-Fluorophenol</i>	<i>2020</i>		<i>"</i>	<i>2570</i>		<i>78.7</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>2350</i>		<i>"</i>	<i>2600</i>		<i>90.1</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1690</i>		<i>"</i>	<i>1720</i>		<i>98.3</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1570</i>		<i>"</i>	<i>1860</i>		<i>84.4</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2540</i>		<i>"</i>	<i>2590</i>		<i>98.3</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1190</i>		<i>"</i>	<i>1800</i>		<i>66.0</i>	<i>24-116</i>				

Batch BL70576 - EPA 3550C

Blank (BL70576-BLK1)		Prepared & Analyzed: 12/13/2017									
1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet								
1,2-Dichlorobenzene	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								



Semivolatile Organic Compounds 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 BL70576 - EPA 3550C

Blank (BL70576-BLK1)

Prepared & Analyzed: 12/13/2017

4-Nitroaniline	ND	83.3	ug/kg wet								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
Surrogate: 2-Fluorophenol	1890		"	2520		75.1	20-108				
Surrogate: Phenol-d5	1810		"	2550		71.1	23-114				
Surrogate: Nitrobenzene-d5	1230		"	1690		73.2	22-108				
Surrogate: 2-Fluorobiphenyl	1460		"	1830		79.7	21-113				
Surrogate: 2,4,6-Tribromophenol	1980		"	2530		78.2	19-110				
Surrogate: Terphenyl-d14	1220		"	1770		68.9	24-116				



Semivolatile Organic Compounds 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 BL70576 - EPA 3550C											
LCS (BL70576-BS1)						Prepared & Analyzed: 12/13/2017					
1,2,4-Trichlorobenzene	653	41.7	ug/kg wet	833		78.4	23-130				
1,2-Dichlorobenzene	564	41.7	"	833		67.7	26-113				
1,3-Dichlorobenzene	580	41.7	"	833		69.6	32-113				
1,4-Dichlorobenzene	577	41.7	"	833		69.2	28-111				
2,4,5-Trichlorophenol	773	41.7	"	833		92.8	14-138				
2,4,6-Trichlorophenol	747	41.7	"	833		89.6	27-122				
2,4-Dichlorophenol	778	41.7	"	833		93.4	23-133				
2,4-Dimethylphenol	713	41.7	"	833		85.5	15-131				
2,4-Dinitrophenol	910	83.3	"	833		109	10-149				
2,4-Dinitrotoluene	774	41.7	"	833		92.9	30-123				
2,6-Dinitrotoluene	824	41.7	"	833		98.8	30-125				
2-Chloronaphthalene	648	41.7	"	833		77.8	22-115				
2-Chlorophenol	634	41.7	"	833		76.1	25-121				
2-Methylnaphthalene	718	41.7	"	833		86.2	16-127				
2-Methylphenol	562	41.7	"	833		67.5	10-146				
2-Nitroaniline	764	83.3	"	833		91.7	24-126				
2-Nitrophenol	863	41.7	"	833		104	17-129				
3- & 4-Methylphenols	537	41.7	"	833		64.5	20-109				
3,3-Dichlorobenzidine	506	41.7	"	833		60.8	10-147				
3-Nitroaniline	575	83.3	"	833		69.0	23-123				
4,6-Dinitro-2-methylphenol	724	83.3	"	833		86.8	10-149				
4-Bromophenyl phenyl ether	553	41.7	"	833		66.4	30-138				
4-Chloro-3-methylphenol	651	41.7	"	833		78.1	16-138				
4-Chloroaniline	391	41.7	"	833		46.9	10-117				
4-Chlorophenyl phenyl ether	651	41.7	"	833		78.1	18-132				
4-Nitroaniline	692	83.3	"	833		83.0	14-125				
4-Nitrophenol	741	83.3	"	833		88.9	10-136				
Acenaphthene	710	41.7	"	833		85.2	17-124				
Acenaphthylene	665	41.7	"	833		79.8	16-124				
Aniline	432	167	"	833		51.8	10-111				
Anthracene	749	41.7	"	833		89.9	24-124				
Benzo(a)anthracene	786	41.7	"	833		94.3	25-134				
Benzo(a)pyrene	774	41.7	"	833		92.8	29-144				
Benzo(b)fluoranthene	720	41.7	"	833		86.4	20-151				
Benzo(g,h,i)perylene	744	41.7	"	833		89.2	10-153				
Benzo(k)fluoranthene	771	41.7	"	833		92.5	10-148				
Benzyl alcohol	565	41.7	"	833		67.8	17-128				
Benzyl butyl phthalate	784	41.7	"	833		94.1	10-132				
Bis(2-chloroethoxy)methane	664	41.7	"	833		79.7	10-129				
Bis(2-chloroethyl)ether	624	41.7	"	833		74.8	14-125				
Bis(2-chloroisopropyl)ether	533	41.7	"	833		64.0	14-122				
Bis(2-ethylhexyl)phthalate	776	41.7	"	833		93.1	10-141				
Chrysene	720	41.7	"	833		86.4	24-116				
Dibenzo(a,h)anthracene	798	41.7	"	833		95.7	17-147				
Dibenzofuran	660	41.7	"	833		79.2	23-123				
Diethyl phthalate	676	41.7	"	833		81.1	23-122				
Dimethyl phthalate	694	41.7	"	833		83.3	28-127				
Di-n-butyl phthalate	731	41.7	"	833		87.7	19-123				
Di-n-octyl phthalate	780	41.7	"	833		93.6	10-132				
Fluoranthene	769	41.7	"	833		92.2	36-125				
Fluorene	699	41.7	"	833		83.8	16-130				



Semivolatile Organic Compounds 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 BL70576 - EPA 3550C

LCS (BL70576-BS1)

Prepared & Analyzed: 12/13/2017

Hexachlorobenzene	534	41.7	ug/kg wet	833		64.1	10-129				
Hexachlorobutadiene	607	41.7	"	833		72.8	22-153				
Hexachlorocyclopentadiene	672	41.7	"	833		80.7	10-134				
Hexachloroethane	545	41.7	"	833		65.4	20-112				
Indeno(1,2,3-cd)pyrene	762	41.7	"	833		91.4	10-155				
Isophorone	620	41.7	"	833		74.4	14-131				
Naphthalene	688	41.7	"	833		82.6	20-121				
Nitrobenzene	586	41.7	"	833		70.4	20-121				
N-Nitrosodimethylamine	489	41.7	"	833		58.7	10-124				
N-nitroso-di-n-propylamine	490	41.7	"	833		58.8	21-119				
N-Nitrosodiphenylamine	646	41.7	"	833		77.5	10-163				
Pentachlorophenol	650	41.7	"	833		78.0	10-143				
Phenanthrene	744	41.7	"	833		89.3	24-123				
Phenol	560	41.7	"	833		67.2	15-123				
Pyrene	801	41.7	"	833		96.1	24-132				
Pyridine	362	167	"	833		43.4	10-92				
Surrogate: 2-Fluorophenol	1990		"	2520		79.2	20-108				
Surrogate: Phenol-d5	1980		"	2550		77.5	23-114				
Surrogate: Nitrobenzene-d5	1330		"	1690		79.1	22-108				
Surrogate: 2-Fluorobiphenyl	1550		"	1830		85.1	21-113				
Surrogate: 2,4,6-Tribromophenol	2200		"	2530		86.8	30-130				
Surrogate: Terphenyl-d14	1280		"	1770		72.3	24-116				

Matrix Spike (BL70576-MS1)

*Source sample: 17L0337-18 (SP-9 (15'-17'))

Prepared: 12/13/2017 Analyzed: 12/14/2017

1,2,4-Trichlorobenzene	596	85.2	ug/kg dry	851	ND	70.1	15-139				
1,2-Dichlorobenzene	541	85.2	"	851	ND	63.6	29-106				
1,3-Dichlorobenzene	509	85.2	"	851	ND	59.8	34-100				
1,4-Dichlorobenzene	547	85.2	"	851	ND	64.3	26-107				
2,4,5-Trichlorophenol	371	85.2	"	851	ND	43.6	10-148				
2,4,6-Trichlorophenol	218	85.2	"	851	ND	25.6	12-138				
2,4-Dichlorophenol	549	85.2	"	851	ND	64.5	16-144				
2,4-Dimethylphenol	534	85.2	"	851	ND	62.8	11-133				
2,4-Dinitrophenol	ND	170	"	851	ND		10-132		Low Bias		
2,4-Dinitrotoluene	694	85.2	"	851	ND	81.6	42-113				
2,6-Dinitrotoluene	781	85.2	"	851	ND	91.8	36-124				
2-Chloronaphthalene	615	85.2	"	851	ND	72.2	31-116				
2-Chlorophenol	560	85.2	"	851	ND	65.8	28-114				
2-Methylnaphthalene	668	85.2	"	851	ND	78.5	10-143				
2-Methylphenol	551	85.2	"	851	ND	64.7	10-160				
2-Nitroaniline	727	170	"	851	ND	85.4	33-122				
2-Nitrophenol	331	85.2	"	851	ND	38.9	12-127				
3- & 4-Methylphenols	486	85.2	"	851	ND	57.1	16-115				
3,3-Dichlorobenzidine	462	85.2	"	851	ND	54.2	10-134				
3-Nitroaniline	667	170	"	851	ND	78.4	24-128				
4,6-Dinitro-2-methylphenol	ND	170	"	851	ND		10-149		Low Bias		
4-Bromophenyl phenyl ether	576	85.2	"	851	ND	67.7	32-148				
4-Chloro-3-methylphenol	634	85.2	"	851	ND	74.5	14-138				
4-Chloroaniline	347	85.2	"	851	ND	40.8	10-124				
4-Chlorophenyl phenyl ether	650	85.2	"	851	ND	76.4	10-153				
4-Nitroaniline	656	170	"	851	ND	77.0	10-151				
4-Nitrophenol	332	170	"	851	ND	39.0	10-141				



Semivolatile Organic Compounds 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 BL70576 - EPA 3550C

Matrix Spike (BL70576-MS1)		*Source sample: 17L0337-18 (SP-9 (15'-17'))						Prepared: 12/13/2017 Analyzed: 12/14/2017			
Acenaphthene	684	85.2	ug/kg dry	851	ND	80.4	13-133				
Acenaphthylene	624	85.2	"	851	ND	73.4	25-125				
Aniline	289	341	"	851	ND	34.0	10-112				
Anthracene	754	85.2	"	851	ND	88.6	27-128				
Benzo(a)anthracene	866	85.2	"	851	62.0	94.5	20-147				
Benzo(a)pyrene	852	85.2	"	851	56.5	93.5	18-153				
Benzo(b)fluoranthene	828	85.2	"	851	54.5	90.9	10-163				
Benzo(g,h,i)perylene	856	85.2	"	851	ND	101	10-157				
Benzo(k)fluoranthene	767	85.2	"	851	44.9	84.9	10-157				
Benzyl alcohol	514	85.2	"	851	ND	60.4	20-122				
Benzyl butyl phthalate	816	85.2	"	851	ND	95.9	10-129				
Bis(2-chloroethoxy)methane	630	85.2	"	851	ND	74.1	12-128				
Bis(2-chloroethyl)ether	564	85.2	"	851	ND	66.3	18-113				
Bis(2-chloroisopropyl)ether	485	85.2	"	851	ND	57.0	10-130				
Bis(2-ethylhexyl)phthalate	865	85.2	"	851	ND	102	10-138				
Chrysene	826	85.2	"	851	57.2	90.3	18-133				
Dibenzo(a,h)anthracene	866	85.2	"	851	ND	102	10-146				
Dibenzofuran	650	85.2	"	851	ND	76.4	26-134				
Diethyl phthalate	643	85.2	"	851	ND	75.5	30-119				
Dimethyl phthalate	658	85.2	"	851	ND	77.3	34-120				
Di-n-butyl phthalate	743	85.2	"	851	ND	87.3	20-128				
Di-n-octyl phthalate	805	85.2	"	851	ND	94.6	10-133				
Fluoranthene	886	85.2	"	851	108	91.5	10-155				
Fluorene	664	85.2	"	851	ND	78.0	12-150				
Hexachlorobenzene	509	85.2	"	851	ND	59.8	16-142				
Hexachlorobutadiene	585	85.2	"	851	ND	68.7	11-150				
Hexachlorocyclopentadiene	379	85.2	"	851	ND	44.5	10-115				
Hexachloroethane	520	85.2	"	851	ND	61.1	14-106				
Indeno(1,2,3-cd)pyrene	852	85.2	"	851	ND	100	10-155				
Isophorone	562	85.2	"	851	ND	66.0	14-127				
Naphthalene	641	85.2	"	851	ND	75.3	15-132				
Nitrobenzene	537	85.2	"	851	ND	63.1	18-125				
N-Nitrosodimethylamine	454	85.2	"	851	ND	53.4	10-123				
N-nitroso-di-n-propylamine	465	85.2	"	851	ND	54.6	23-115				
N-Nitrosodiphenylamine	657	85.2	"	851	ND	77.2	16-166				
Pentachlorophenol	ND	85.2	"	851	ND		10-160	Low Bias			
Phenanthrene	842	85.2	"	851	71.5	90.6	10-151				
Phenol	492	85.2	"	851	ND	57.8	11-124				
Pyrene	991	85.2	"	851	96.0	105	13-148				
Pyridine	289	341	"	851	ND	34.0	10-125				
Surrogate: 2-Fluorophenol	1720		"	2570		67.0	20-108				
Surrogate: Phenol-d5	1800		"	2600		69.2	23-114				
Surrogate: Nitrobenzene-d5	1190		"	1720		69.2	22-108				
Surrogate: 2-Fluorobiphenyl	1480		"	1870		79.4	21-113				
Surrogate: 2,4,6-Tribromophenol	557		"	2590		21.5	30-130				
Surrogate: Terphenyl-d14	1380		"	1800		76.7	24-116				



Semivolatile Organic Compounds 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 BL70576 - EPA 3550C											
Matrix Spike Dup (BL70576-MSD1)		*Source sample: 17L0337-18 (SP-9 (15'-17'))						Prepared: 12/13/2017 Analyzed: 12/14/2017			
1,2,4-Trichlorobenzene	573	85.2	ug/kg dry	851	ND	67.3	15-139		4.08	30	
1,2-Dichlorobenzene	509	85.2	"	851	ND	59.8	29-106		6.23	30	
1,3-Dichlorobenzene	521	85.2	"	851	ND	61.2	34-100		2.25	30	
1,4-Dichlorobenzene	564	85.2	"	851	ND	66.2	26-107		2.94	30	
2,4,5-Trichlorophenol	394	85.2	"	851	ND	46.2	10-148		5.88	30	
2,4,6-Trichlorophenol	188	85.2	"	851	ND	22.1	12-138		14.8	30	
2,4-Dichlorophenol	538	85.2	"	851	ND	63.2	16-144		2.01	30	
2,4-Dimethylphenol	647	85.2	"	851	ND	76.0	11-133		19.0	30	
2,4-Dinitrophenol	ND	170	"	851	ND		10-132	Low Bias		30	
2,4-Dinitrotoluene	706	85.2	"	851	ND	83.0	42-113		1.65	30	
2,6-Dinitrotoluene	786	85.2	"	851	ND	92.3	36-124		0.608	30	
2-Chloronaphthalene	615	85.2	"	851	ND	72.3	31-116		0.111	30	
2-Chlorophenol	586	85.2	"	851	ND	68.8	28-114		4.40	30	
2-Methylnaphthalene	667	85.2	"	851	ND	78.4	10-143		0.102	30	
2-Methylphenol	521	85.2	"	851	ND	61.2	10-160		5.59	30	
2-Nitroaniline	723	170	"	851	ND	85.0	33-122		0.563	30	
2-Nitrophenol	311	85.2	"	851	ND	36.6	12-127		6.15	30	
3- & 4-Methylphenols	503	85.2	"	851	ND	59.1	16-115		3.44	30	
3,3-Dichlorobenzidine	426	85.2	"	851	ND	50.1	10-134		7.98	30	
3-Nitroaniline	619	170	"	851	ND	72.7	24-128		7.52	30	
4,6-Dinitro-2-methylphenol	ND	170	"	851	ND		10-149	Low Bias		30	
4-Bromophenyl phenyl ether	544	85.2	"	851	ND	63.9	32-148		5.71	30	
4-Chloro-3-methylphenol	616	85.2	"	851	ND	72.4	14-138		2.83	30	
4-Chloroaniline	316	85.2	"	851	ND	37.1	10-124		9.45	30	
4-Chlorophenyl phenyl ether	630	85.2	"	851	ND	74.0	10-153		3.19	30	
4-Nitroaniline	660	170	"	851	ND	77.5	10-151		0.621	30	
4-Nitrophenol	400	170	"	851	ND	47.0	10-141		18.6	30	
Acenaphthene	690	85.2	"	851	ND	81.1	13-133		0.892	30	
Acenaphthylene	650	85.2	"	851	ND	76.3	25-125		3.96	30	
Aniline	291	341	"	851	ND	34.2	10-112		0.469	30	
Anthracene	759	85.2	"	851	ND	89.2	27-128		0.630	30	
Benzo(a)anthracene	846	85.2	"	851	62.0	92.1	20-147		2.39	30	
Benzo(a)pyrene	799	85.2	"	851	56.5	87.3	18-153		6.43	30	
Benzo(b)fluoranthene	773	85.2	"	851	54.5	84.5	10-163		6.80	30	
Benzo(g,h,i)perylene	844	85.2	"	851	ND	99.1	10-157		1.52	30	
Benzo(k)fluoranthene	768	85.2	"	851	44.9	85.0	10-157		0.0887	30	
Benzyl alcohol	562	85.2	"	851	ND	66.1	20-122		8.98	30	
Benzyl butyl phthalate	784	85.2	"	851	ND	92.1	10-129		4.09	30	
Bis(2-chloroethoxy)methane	654	85.2	"	851	ND	76.9	12-128		3.71	30	
Bis(2-chloroethyl)ether	590	85.2	"	851	ND	69.4	18-113		4.48	30	
Bis(2-chloroisopropyl)ether	500	85.2	"	851	ND	58.7	10-130		3.04	30	
Bis(2-ethylhexyl)phthalate	765	85.2	"	851	ND	89.8	10-138		12.3	30	
Chrysene	781	85.2	"	851	57.2	85.0	18-133		5.59	30	
Dibenzo(a,h)anthracene	821	85.2	"	851	ND	96.5	10-146		5.33	30	
Dibenzofuran	665	85.2	"	851	ND	78.1	26-134		2.18	30	
Diethyl phthalate	643	85.2	"	851	ND	75.6	30-119		0.106	30	
Dimethyl phthalate	693	85.2	"	851	ND	81.4	34-120		5.24	30	
Di-n-butyl phthalate	725	85.2	"	851	ND	85.2	20-128		2.41	30	
Di-n-octyl phthalate	777	85.2	"	851	ND	91.3	10-133		3.61	30	
Fluoranthene	870	85.2	"	851	108	89.6	10-155		1.86	30	
Fluorene	694	85.2	"	851	ND	81.6	12-150		4.51	30	



Semivolatile Organic Compounds 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 BL70576 - EPA 3550C

Matrix Spike Dup (BL70576-MSD1)	*Source sample: 17L0337-18 (SP-9 (15'-17'))						Prepared: 12/13/2017 Analyzed: 12/14/2017				
Hexachlorobenzene	575	85.2	ug/kg dry	851	ND	67.5	16-142		12.2	30	
Hexachlorobutadiene	537	85.2	"	851	ND	63.0	11-150		8.62	30	
Hexachlorocyclopentadiene	351	85.2	"	851	ND	41.3	10-115		7.46	30	
Hexachloroethane	519	85.2	"	851	ND	61.0	14-106		0.262	30	
Indeno(1,2,3-cd)pyrene	812	85.2	"	851	ND	95.4	10-155		4.91	30	
Isophorone	575	85.2	"	851	ND	67.5	14-127		2.28	30	
Naphthalene	627	85.2	"	851	ND	73.7	15-132		2.15	30	
Nitrobenzene	562	85.2	"	851	ND	66.1	18-125		4.58	30	
N-Nitrosodimethylamine	464	85.2	"	851	ND	54.6	10-123		2.22	30	
N-nitroso-di-n-propylamine	466	85.2	"	851	ND	54.8	23-115		0.292	30	
N-Nitrosodiphenylamine	654	85.2	"	851	ND	76.9	16-166		0.415	30	
Pentachlorophenol	ND	85.2	"	851	ND		10-160	Low Bias		30	
Phenanthrene	832	85.2	"	851	71.5	89.4	10-151		1.22	30	
Phenol	496	85.2	"	851	ND	58.3	11-124		0.826	30	
Pyrene	915	85.2	"	851	96.0	96.2	13-148		7.93	30	
Pyridine	278	341	"	851	ND	32.7	10-125		3.84	30	
<i>Surrogate: 2-Fluorophenol</i>	<i>1830</i>		<i>"</i>	<i>2570</i>		<i>71.1</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>1850</i>		<i>"</i>	<i>2600</i>		<i>71.2</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1250</i>		<i>"</i>	<i>1720</i>		<i>72.5</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1480</i>		<i>"</i>	<i>1870</i>		<i>79.1</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>602</i>		<i>"</i>	<i>2590</i>		<i>23.3</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1380</i>		<i>"</i>	<i>1800</i>		<i>76.7</i>	<i>24-116</i>				



Organochlorine Pesticides by GC/ECD - 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 BL70493 - EPA SW846-3510C Low Level

Blank (BL70493-BLK1)

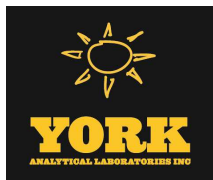
Prepared & Analyzed: 12/12/2017

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	0.138		"	0.200		68.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.155		"	0.200		77.5	30-150				

LCS (BL70493-BS1)

Prepared & Analyzed: 12/12/2017

4,4'-DDD	0.0825	0.00400	ug/L	0.100		82.5	40-140				
4,4'-DDE	0.0796	0.00400	"	0.100		79.6	40-140				
4,4'-DDT	0.0818	0.00400	"	0.100		81.8	40-140				
Aldrin	0.0680	0.00400	"	0.100		68.0	40-140				
alpha-BHC	0.0624	0.00400	"	0.100		62.4	40-140				
alpha-Chlordane	0.0671	0.00400	"	0.100		67.1	40-140				
beta-BHC	0.0761	0.00400	"	0.100		76.1	40-140				
delta-BHC	0.0425	0.00400	"	0.100		42.5	40-140				
Dieldrin	0.0760	0.00200	"	0.100		76.0	40-140				
Endosulfan I	0.0766	0.00400	"	0.100		76.6	40-140				
Endosulfan II	0.0754	0.00400	"	0.100		75.4	40-140				
Endosulfan sulfate	0.0698	0.00400	"	0.100		69.8	40-140				
Endrin	0.0780	0.00400	"	0.100		78.0	40-140				
Endrin aldehyde	0.0785	0.0100	"	0.100		78.5	40-140				
Endrin ketone	0.0851	0.0100	"	0.100		85.1	40-140				
gamma-BHC (Lindane)	0.0709	0.00400	"	0.100		70.9	40-140				
gamma-Chlordane	0.0636	0.0100	"	0.100		63.6	40-140				
Heptachlor	0.0692	0.00400	"	0.100		69.2	40-140				
Heptachlor epoxide	0.0725	0.00400	"	0.100		72.5	40-140				
Methoxychlor	0.0850	0.00400	"	0.100		85.0	40-140				
Surrogate: Decachlorobiphenyl	0.101		"	0.200		50.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.144		"	0.200		72.2	30-150				



Organochlorine Pesticides by GC/ECD - 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 BL70493 - EPA SW846-3510C Low Level

LCS Dup (BL70493-BSD1)

Prepared & Analyzed: 12/12/2017

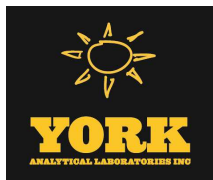
4,4'-DDD	0.0918	0.00400	ug/L	0.100		91.8	40-140		10.7	20
4,4'-DDE	0.0901	0.00400	"	0.100		90.1	40-140		12.3	20
4,4'-DDT	0.0926	0.00400	"	0.100		92.6	40-140		12.4	20
Aldrin	0.0722	0.00400	"	0.100		72.2	40-140		6.03	20
alpha-BHC	0.0664	0.00400	"	0.100		66.4	40-140		6.27	20
alpha-Chlordane	0.0736	0.00400	"	0.100		73.6	40-140		9.14	20
beta-BHC	0.0811	0.00400	"	0.100		81.1	40-140		6.32	20
delta-BHC	0.0466	0.00400	"	0.100		46.6	40-140		9.18	20
Dieldrin	0.0843	0.00200	"	0.100		84.3	40-140		10.4	20
Endosulfan I	0.0841	0.00400	"	0.100		84.1	40-140		9.24	20
Endosulfan II	0.0861	0.00400	"	0.100		86.1	40-140		13.2	20
Endosulfan sulfate	0.0811	0.00400	"	0.100		81.1	40-140		15.0	20
Endrin	0.0857	0.00400	"	0.100		85.7	40-140		9.39	20
Endrin aldehyde	0.0857	0.0100	"	0.100		85.7	40-140		8.73	20
Endrin ketone	0.0952	0.0100	"	0.100		95.2	40-140		11.1	20
gamma-BHC (Lindane)	0.0755	0.00400	"	0.100		75.5	40-140		6.24	20
gamma-Chlordane	0.0692	0.0100	"	0.100		69.2	40-140		8.35	20
Heptachlor	0.0722	0.00400	"	0.100		72.2	40-140		4.20	20
Heptachlor epoxide	0.0781	0.00400	"	0.100		78.1	40-140		7.44	20
Methoxychlor	0.0983	0.00400	"	0.100		98.3	40-140		14.5	20
Surrogate: Decachlorobiphenyl	0.127		"	0.200		63.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		"	0.200		80.5	30-150			

Batch BL70561 - EPA 3545A

Blank (BL70561-BLK2)

Prepared & Analyzed: 12/13/2017

4,4'-DDD	ND	0.330	ug/kg wet							
4,4'-DDE	ND	0.330	"							
4,4'-DDT	ND	0.330	"							
Aldrin	ND	0.330	"							
alpha-BHC	ND	0.330	"							
alpha-Chlordane	ND	0.330	"							
beta-BHC	ND	0.330	"							
Chlordane, total	ND	6.60	"							
delta-BHC	ND	0.330	"							
Dieldrin	ND	0.330	"							
Endosulfan I	ND	0.330	"							
Endosulfan II	ND	0.330	"							
Endosulfan sulfate	ND	0.330	"							
Endrin	ND	0.330	"							
Endrin aldehyde	ND	0.330	"							
Endrin ketone	ND	0.330	"							
gamma-BHC (Lindane)	ND	0.330	"							
gamma-Chlordane	ND	0.330	"							
Heptachlor	ND	0.330	"							
Heptachlor epoxide	ND	0.330	"							
Methoxychlor	ND	1.65	"							
Toxaphene	ND	16.7	"							
Surrogate: Decachlorobiphenyl	63.7		"	66.7		95.6	30-150			
Surrogate: Tetrachloro-m-xylene	57.4		"	66.7		86.1	30-150			



Organochlorine Pesticides by GC/ECD - 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 BL70561 - EPA 3545A

LCS (BL70561-BS2)

Prepared & Analyzed: 12/13/2017

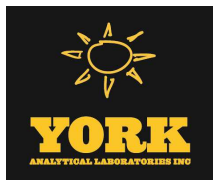
4,4'-DDD	45.6	0.495	ug/kg wet	50.0		91.2	40-140				
4,4'-DDE	43.1	0.495	"	50.0		86.1	40-140				
4,4'-DDT	40.9	0.495	"	50.0		81.7	40-140				
Aldrin	44.8	0.495	"	50.0		89.6	40-140				
alpha-BHC	46.7	0.495	"	50.0		93.4	40-140				
alpha-Chlordane	40.5	0.495	"	50.0		81.0	40-140				
beta-BHC	45.1	0.495	"	50.0		90.2	40-140				
delta-BHC	47.0	0.495	"	50.0		93.9	40-140				
Dieldrin	44.2	0.495	"	50.0		88.5	40-140				
Endosulfan I	46.2	0.495	"	50.0		92.4	40-140				
Endosulfan II	43.2	0.495	"	50.0		86.3	40-140				
Endosulfan sulfate	41.8	0.495	"	50.0		83.7	40-140				
Endrin	40.5	0.495	"	50.0		81.1	40-140				
Endrin aldehyde	41.5	0.495	"	50.0		83.0	40-140				
Endrin ketone	44.5	0.495	"	50.0		89.1	40-140				
gamma-BHC (Lindane)	44.7	0.495	"	50.0		89.4	40-140				
gamma-Chlordane	41.1	0.495	"	50.0		82.2	40-140				
Heptachlor	42.1	0.495	"	50.0		84.2	40-140				
Heptachlor epoxide	42.5	0.495	"	50.0		85.1	40-140				
Methoxychlor	39.5	2.48	"	50.0		79.1	40-140				
Surrogate: Decachlorobiphenyl	82.2		"	100		82.2	30-150				
Surrogate: Tetrachloro-m-xylene	88.1		"	100		88.1	30-150				

Matrix Spike (BL70561-MS2)

*Source sample: 17L0337-02 (SP-1 (15'-17'))

Prepared & Analyzed: 12/13/2017

4,4'-DDD	57.9	2.54	ug/kg dry	51.4	ND	113	30-150				
4,4'-DDE	53.5	2.54	"	51.4	ND	104	30-150				
4,4'-DDT	52.3	2.54	"	51.4	ND	102	30-150				
Aldrin	56.1	2.54	"	51.4	ND	109	30-150				
alpha-BHC	55.4	2.54	"	51.4	ND	108	30-150				
alpha-Chlordane	56.1	2.54	"	51.4	ND	109	30-150				
beta-BHC	55.7	2.54	"	51.4	ND	108	30-150				
delta-BHC	50.8	2.54	"	51.4	ND	98.9	30-150				
Dieldrin	56.9	2.54	"	51.4	ND	111	30-150				
Endosulfan I	60.5	2.54	"	51.4	ND	118	30-150				
Endosulfan II	58.7	2.54	"	51.4	ND	114	30-150				
Endosulfan sulfate	59.3	2.54	"	51.4	ND	115	30-150				
Endrin	56.0	2.54	"	51.4	ND	109	30-150				
Endrin aldehyde	59.1	2.54	"	51.4	ND	115	30-150				
Endrin ketone	67.9	2.54	"	51.4	ND	132	30-150				
gamma-BHC (Lindane)	56.0	2.54	"	51.4	ND	109	30-150				
gamma-Chlordane	55.3	2.54	"	51.4	ND	108	30-150				
Heptachlor	54.9	2.54	"	51.4	ND	107	30-150				
Heptachlor epoxide	58.6	2.54	"	51.4	ND	114	30-150				
Methoxychlor	65.6	12.7	"	51.4	ND	128	30-150				
Surrogate: Decachlorobiphenyl	132		"	103		129	30-150				
Surrogate: Tetrachloro-m-xylene	130		"	103		126	30-150				



Organochlorine Pesticides by GC/ECD - 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 BL70561 - EPA 3545A

Matrix Spike Dup (BL70561-MSD2)		*Source sample: 17L0337-02 (SP-1 (15'-17'))					Prepared & Analyzed: 12/13/2017				
4,4'-DDD	60.4	2.52	ug/kg dry	50.9	ND	119	30-150		4.22	30	
4,4'-DDE	56.0	2.52	"	50.9	ND	110	30-150		4.46	30	
4,4'-DDT	57.0	2.52	"	50.9	ND	112	30-150		8.66	30	
Aldrin	57.2	2.52	"	50.9	ND	112	30-150		2.04	30	
alpha-BHC	55.1	2.52	"	50.9	ND	108	30-150		0.564	30	
alpha-Chlordane	58.1	2.52	"	50.9	ND	114	30-150		3.61	30	
beta-BHC	56.6	2.52	"	50.9	ND	111	30-150		1.52	30	
delta-BHC	51.2	2.52	"	50.9	ND	101	30-150		0.774	30	
Dieldrin	59.2	2.52	"	50.9	ND	116	30-150		4.03	30	
Endosulfan I	62.8	2.52	"	50.9	ND	123	30-150		3.80	30	
Endosulfan II	61.2	2.52	"	50.9	ND	120	30-150		4.22	30	
Endosulfan sulfate	61.6	2.52	"	50.9	ND	121	30-150		3.94	30	
Endrin	58.7	2.52	"	50.9	ND	115	30-150		4.67	30	
Endrin aldehyde	61.9	2.52	"	50.9	ND	122	30-150		4.58	30	
Endrin ketone	70.8	2.52	"	50.9	ND	139	30-150		4.16	30	
gamma-BHC (Lindane)	56.2	2.52	"	50.9	ND	110	30-150		0.328	30	
gamma-Chlordane	57.3	2.52	"	50.9	ND	113	30-150		3.62	30	
Heptachlor	56.3	2.52	"	50.9	ND	111	30-150		2.52	30	
Heptachlor epoxide	60.4	2.52	"	50.9	ND	119	30-150		2.98	30	
Methoxychlor	71.4	12.6	"	50.9	ND	140	30-150		8.48	30	
Surrogate: Decachlorobiphenyl	136		"	102		134	30-150				
Surrogate: Tetrachloro-m-xylene	126		"	102		123	30-150				

Batch Y7L1301 - BL70213

Performance Mix (Y7L1301-PEM1)		Prepared & Analyzed: 12/12/2017									
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.454		"	0.00			0-200				
4,4'-DDT	109		"	200		54.4	0-200				
Endrin	78.0		"	100		78.0	0-200				
Endrin aldehyde	0.891		"	0.00			0-200				
Endrin ketone	3.86		"	0.00			0-200				



Organochlorine Pesticides by GC/ECD - 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 Y7L1301 - BL70213

Performance Mix (Y7L1301-PEM2)

Prepared & Analyzed: 12/12/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.721		"	0.00			0-200				
4,4'-DDT	119		"	200		59.5	0-200				
Endrin	83.0		"	100		83.0	0-200				
Endrin aldehyde	0.484		"	0.00			0-200				
Endrin ketone	3.32		"	0.00			0-200				

Batch Y7L1401 - BL70213

Performance Mix (Y7L1401-PEM1)

Prepared & Analyzed: 12/13/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.483		"	0.00			0-200				
4,4'-DDT	126		"	200		63.2	0-200				
Endrin	84.5		"	100		84.5	0-200				
Endrin aldehyde	0.976		"	0.00			0-200				
Endrin ketone	3.47		"	0.00			0-200				

Performance Mix (Y7L1401-PEM2)

Prepared & Analyzed: 12/13/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.454		"	0.00			0-200				
4,4'-DDT	120		"	200		60.0	0-200				
Endrin	86.7		"	100		86.7	0-200				
Endrin aldehyde	1.36		"	0.00			0-200				
Endrin ketone	3.99		"	0.00			0-200				

Performance Mix (Y7L1401-PEM3)

Prepared & Analyzed: 12/13/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.419		"	0.00			0-200				
4,4'-DDT	122		"	200		61.0	0-200				
Endrin	88.9		"	100		88.9	0-200				
Endrin aldehyde	1.28		"	0.00			0-200				
Endrin ketone	3.75		"	0.00			0-200				



Polychlorinated Biphenyls by GC/ECD - 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 BL70493 - EPA SW846-3510C Low Level

Blank (BL70493-BLK2)

Prepared & Analyzed: 12/12/2017

Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.166		"	0.200		83.0	30-120				
Surrogate: Decachlorobiphenyl	0.132		"	0.200		66.0	30-120				

LCS (BL70493-BS2)

Prepared & Analyzed: 12/12/2017

Aroclor 1016	1.05	0.0500	ug/L	1.00		105	40-120				
Aroclor 1260	1.17	0.0500	"	1.00		117	40-120				
Surrogate: Tetrachloro-m-xylene	0.173		"	0.200		86.5	30-120				
Surrogate: Decachlorobiphenyl	0.160		"	0.200		80.0	30-120				

LCS Dup (BL70493-BSD2)

Prepared & Analyzed: 12/12/2017

Aroclor 1016	1.07	0.0500	ug/L	1.00		107	40-120	1.82	30		
Aroclor 1260	1.14	0.0500	"	1.00		114	40-120	2.77	30		
Surrogate: Tetrachloro-m-xylene	0.167		"	0.200		83.5	30-120				
Surrogate: Decachlorobiphenyl	0.147		"	0.200		73.5	30-120				

Batch BL70561 - EPA 3545A

Blank (BL70561-BLK1)

Prepared & Analyzed: 12/13/2017

Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Total PCBs	ND	0.0250	"								
Surrogate: Tetrachloro-m-xylene	0.0960		"	0.100		96.0	30-140				
Surrogate: Decachlorobiphenyl	0.0885		"	0.100		88.5	30-140				



Polychlorinated Biphenyls by GC/ECD - 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 BL70561 - EPA 3545A

LCS (BL70561-BS1)

Prepared & Analyzed: 12/13/2017

Aroclor 1016	0.575	0.0250	mg/kg wet	0.500		115	40-130				
Aroclor 1260	0.546	0.0250	"	0.500		109	40-130				
Surrogate: Tetrachloro-m-xylene	0.100		"	0.100		100	30-140				
Surrogate: Decachlorobiphenyl	0.0890		"	0.100		89.0	30-140				



Metals by ICP - 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 BL70504 - EPA 3050B

Blank (BL70504-BLK1)

Prepared & Analyzed: 12/13/2017

Aluminum	ND	5.00	mg/kg wet
Antimony	ND	0.500	"
Arsenic	ND	1.00	"
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	0.738	0.500	"
Iron	ND	2.00	"
Lead	ND	0.500	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	0.500	"
Potassium	ND	5.00	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Sodium	ND	10.0	"
Thallium	ND	1.00	"
Vanadium	ND	1.00	"
Zinc	ND	1.50	"

Duplicate (BL70504-DUP1)

*Source sample: 17L0337-01 (SP-1 (0'-2'))

Prepared: 12/12/2017 Analyzed: 12/13/2017

Aluminum	6650	5.34	mg/kg dry	7830	16.4	35	
Antimony	0.539	0.534	"	0.843	44.0	35	Non-dir.
Arsenic	4.56	1.07	"	4.56	0.0257	35	
Barium	64.7	1.07	"	102	44.9	35	Non-dir.
Beryllium	ND	0.107	"	ND		35	
Cadmium	ND	0.320	"	ND		35	
Calcium	60200	5.34	"	25200	82.1	35	Non-dir.
Chromium	12.7	0.534	"	14.2	10.7	35	
Cobalt	4.47	0.534	"	5.77	25.3	35	
Copper	45.0	0.534	"	49.5	9.43	35	
Iron	10600	2.14	"	12200	14.1	35	
Lead	187	0.534	"	203	8.12	35	
Magnesium	26500	5.34	"	4470	142	35	Non-dir.
Manganese	230	0.534	"	285	21.1	35	
Nickel	16.5	0.534	"	17.2	4.38	35	
Potassium	378	5.34	"	442	15.6	35	
Selenium	ND	1.07	"	1.70		35	
Silver	ND	0.534	"	ND		35	
Sodium	84.8	10.7	"	71.3	17.3	35	
Thallium	ND	1.07	"	ND		35	
Vanadium	22.4	1.07	"	28.9	25.6	35	
Zinc	99.8	1.60	"	142	35.0	35	



Metals by ICP - 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 BL70504 - EPA 3050B

Matrix Spike (BL70504-MS1)		*Source sample: 17L0337-01 (SP-1 (0'-2'))					Prepared: 12/12/2017 Analyzed: 12/13/2017				
Aluminum	7670	5.34	mg/kg dry	214	7830	NR	75-125	Low Bias			
Antimony	15.6	0.534	"	26.7	0.843	55.4	75-125	Low Bias			
Arsenic	232	1.07	"	214	4.56	107	75-125				
Barium	321	1.07	"	214	102	102	75-125				
Beryllium	5.12	0.107	"	5.34	ND	96.0	75-125				
Cadmium	5.75	0.320	"	5.34	ND	108	75-125				
Chromium	38.2	0.534	"	21.4	14.2	112	75-125				
Cobalt	58.8	0.534	"	53.4	5.77	99.4	75-125				
Copper	86.8	0.534	"	26.7	49.5	140	75-125	High Bias			
Iron	11300	2.14	"	107	12200	NR	75-125	Low Bias			
Lead	311	0.534	"	53.4	203	202	75-125	High Bias			
Magnesium	7730	5.34	"		4470		75-125				
Manganese	304	0.534	"	53.4	285	36.3	75-125	Low Bias			
Nickel	71.6	0.534	"	53.4	17.2	102	75-125				
Potassium	451	5.34	"		442		75-125				
Selenium	229	1.07	"	214	1.70	107	75-125				
Silver	2.22	0.534	"	5.34	ND	41.6	75-125	Low Bias			
Sodium	59.3	10.7	"		71.3		75-125				
Thallium	204	1.07	"	214	ND	95.5	75-125				
Vanadium	81.1	1.07	"	53.4	28.9	97.8	75-125				
Zinc	187	1.60	"	53.4	142	83.4	75-125				

Reference (BL70504-SRM1)		Prepared & Analyzed: 12/13/2017									
Aluminum	5780	5.00	mg/kg wet	8090		71.5	49.8-149.6				
Antimony	88.9	0.500	"	99.3		89.5	0.5-207.5				
Arsenic	91.0	1.00	"	100		91.0	80.9-120				
Barium	187	1.00	"	217		86.3	81.6-118.4				
Beryllium	139	0.100	"	147		94.5	81.6-119.1				
Cadmium	80.3	0.300	"	83.7		95.9	81.2-118.9				
Calcium	5480	5.00	"	6010		91.2	80.9-119				
Chromium	97.2	0.500	"	107		90.9	77.5-121.5				
Cobalt	122	0.500	"	123		99.0	82.1-117.9				
Copper	160	0.500	"	166		96.1	80.7-118.7				
Iron	10100	2.00	"	14600		69.1	45.1-154.8				
Lead	79.9	0.500	"	88.4		90.4	81.2-118.8				
Magnesium	2510	5.00	"	2930		85.6	74.7-125.3				
Manganese	278	0.500	"	311		89.3	80.1-119.9				
Nickel	51.7	0.500	"	49.8		104	80.9-118.9				
Potassium	2110	5.00	"	2620		80.4	69.1-130.9				
Selenium	86.3	1.00	"	87.7		98.4	76.1-124.3				
Silver	36.0	0.500	"	41.4		86.9	73.7-126.1				
Sodium	179	10.0	"	252		71.1	69.1-131.4				
Thallium	50.5	1.00	"	58.1		86.9	77.6-122.6				
Vanadium	120	1.00	"	140		85.5	76.4-122.9				
Zinc	129	1.50	"	145		89.2	82.1-117.9				



Metals by ICP - 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 BL70508 - EPA 3015A

Blank (BL70508-BLK1)

Prepared & Analyzed: 12/12/2017

Aluminum	ND	0.0556	mg/L
Barium	ND	0.0111	"
Calcium	ND	0.0556	"
Chromium	ND	0.00556	"
Copper	0.00941	0.00333	"
Iron	ND	0.0222	"
Lead	ND	0.00556	"
Magnesium	ND	0.0556	"
Manganese	ND	0.00556	"
Nickel	ND	0.00556	"
Potassium	0.0733	0.0556	"
Silver	ND	0.00556	"
Sodium	0.252	0.111	"
Vanadium	ND	0.0111	"
Zinc	ND	0.0167	"

Reference (BL70508-SRM1)

Prepared & Analyzed: 12/12/2017

Aluminum	0.875	0.0556	mg/L	39.6-160.89
Barium	0.572	0.0111	"	72-129.1
Calcium	34.9	0.0556	"	73.9-126.9
Chromium	1.01	0.00556	"	68.2-132
Copper	0.383	0.00333	"	72.5-131.4
Iron	1.49	0.0222	"	36.4-163.9
Lead	0.727	0.00556	"	69.7-130.8
Magnesium	84.1	0.0556	"	64.6-135.1
Manganese	1.24	0.00556	"	73.9-126
Nickel	2.03	0.00556	"	70.3-129.7
Potassium	10.6	0.0556	"	60.3-140.1
Silver	0.677	0.00556	"	66.8-133.4
Sodium	24.5	0.111	"	59.2-141.1
Vanadium	1.85	0.0111	"	53.3-146.5
Zinc	1.73	0.0167	"	69.7-129.8



Metals by ICP - 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 BL70582 - EPA 3015A

Blank (BL70582-BLK1)

Prepared: 12/13/2017 Analyzed: 12/14/2017

Aluminum - Dissolved	ND	0.0556	mg/L
Barium - Dissolved	ND	0.0111	"
Calcium - Dissolved	ND	0.0556	"
Chromium - Dissolved	ND	0.00556	"
Copper - Dissolved	0.00993	0.00333	"
Iron - Dissolved	ND	0.0222	"
Lead - Dissolved	ND	0.00556	"
Magnesium - Dissolved	ND	0.0556	"
Manganese - Dissolved	ND	0.00556	"
Nickel - Dissolved	ND	0.00556	"
Potassium - Dissolved	0.140	0.0556	"
Silver - Dissolved	ND	0.00556	"
Sodium - Dissolved	0.911	0.111	"
Vanadium - Dissolved	ND	0.0111	"
Zinc - Dissolved	ND	0.0167	"

Reference (BL70582-SRM1)

Prepared: 12/13/2017 Analyzed: 12/14/2017

Aluminum - Dissolved	0.780	ug/mL	0.720	108	81.4-117.2
Barium - Dissolved	0.461	"	0.500	92.2	85-115
Calcium - Dissolved	30.3	"	33.0	91.8	86.5-114.3
Chromium - Dissolved	0.802	"	0.860	93.2	85-115
Copper - Dissolved	0.310	"	0.320	97.0	85-115
Iron - Dissolved	1.36	"	1.40	97.5	84.9-115
Lead - Dissolved	0.629	"	0.640	98.3	85-115
Magnesium - Dissolved	73.0	"	80.1	91.1	86.3-114.8
Manganese - Dissolved	0.998	"	1.02	97.9	84.9-115
Nickel - Dissolved	1.64	"	1.78	92.2	87-113.7
Potassium - Dissolved	9.03	"	10.3	87.7	84.9-115
Silver - Dissolved	0.529	"	0.600	88.2	85-115
Sodium - Dissolved	22.1	"	22.7	97.3	85-115
Vanadium - Dissolved	1.51	"	1.66	91.0	85-114.9
Zinc - Dissolved	1.39	"	1.62	86.0	84.9-115



Metals by ICP/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 BL70520 - EPA 3015A

Blank (BL70520-BLK1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Antimony	ND	1.11	ug/L
Arsenic	38.0	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Molybdenum	ND	1.11	"
Selenium	ND	1.11	"
Thallium	ND	1.11	"

LCS (BL70520-BS1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Antimony	33.0	ug/L	50.0	66.1	80-120	Low Bias
Arsenic	65.9	"	50.0	132	80-120	High Bias
Beryllium	41.6	"	50.0	83.3	80-120	
Cadmium	33.2	"	50.0	66.5	80-120	Low Bias
Molybdenum	45.1	"	50.0	90.1	80-120	
Selenium	26.9	"	50.0	53.8	80-120	Low Bias
Thallium	42.4	"	50.0	84.8	80-120	

Duplicate (BL70520-DUP1)

*Source sample: 17L0337-19 (Field Blank)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Antimony	ND	1.11	ug/L	ND		20
Arsenic	37.9	1.11	"	36.0	5.08	20
Beryllium	ND	0.333	"	ND		20
Cadmium	ND	0.556	"	ND		20
Molybdenum	ND	1.11	"	ND		20
Selenium	ND	1.11	"	ND		20
Thallium	ND	1.11	"	ND		20

Matrix Spike (BL70520-MS1)

*Source sample: 17L0337-19 (Field Blank)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Antimony	32.3	ug/L	50.0	0.008	64.6	75-125	Low Bias
Arsenic	63.4	"	50.0	32.4	61.9	75-125	Low Bias
Beryllium	41.3	"	50.0	-0.031	82.6	75-125	
Cadmium	32.1	"	50.0	-0.027	64.1	75-125	Low Bias
Molybdenum	44.1	"	50.0	-0.003	88.1	75-125	
Selenium	27.0	"	50.0	-0.013	53.9	75-125	Low Bias
Thallium	41.1	"	50.0	0.116	82.1	75-125	



Metals by ICP/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 BL70654 - EPA 3015A

Blank (BL70654-BLK1)

Prepared & Analyzed: 12/14/2017

Antimony - Dissolved	ND	1.11	ug/L
Arsenic - Dissolved	ND	1.11	"
Beryllium - Dissolved	ND	0.111	"
Cadmium - Dissolved	ND	0.556	"
Molybdenum - Dissolved	ND	1.11	"
Selenium - Dissolved	ND	1.11	"
Thallium - Dissolved	ND	1.11	"

LCS (BL70654-BS1)

Prepared & Analyzed: 12/14/2017

Antimony - Dissolved	38.2	ug/L	50.0	76.4	80-120	Low Bias
Arsenic - Dissolved	44.6	"	50.0	89.1	80-120	
Beryllium - Dissolved	51.4	"	50.0	103	80-120	
Cadmium - Dissolved	40.1	"	50.0	80.2	80-120	
Molybdenum - Dissolved	52.9	"	50.0	106	80-120	
Selenium - Dissolved	37.2	"	50.0	74.3	80-120	Low Bias
Thallium - Dissolved	46.8	"	50.0	93.6	80-120	



Mercury by EPA 7000/200 Series Methods - 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 BL70505 - EPA 7473 soil

Blank (BL70505-BLK1)

Prepared & Analyzed: 12/12/2017

Mercury ND 0.0300 mg/kg wet

Reference (BL70505-SRM1)

Prepared: 12/12/2017 Analyzed: 12/13/2017

Mercury 14.502 mg/kg 13.8 105 57.1-143.5

Batch BL70544 - EPA SW846-7470

Blank (BL70544-BLK1)

Prepared & Analyzed: 12/13/2017

Mercury - Dissolved ND 0.0002 mg/L

LCS (BL70544-BS1)

Prepared & Analyzed: 12/13/2017

Mercury - Dissolved 0.0020 0.0002 mg/L 0.00200 101 80-120

LCS (BL70544-BS2)

Prepared & Analyzed: 12/13/2017

Mercury - Dissolved 0.0020 0.0002 mg/L 0.00200 99.2 80-120

Batch BL70545 - EPA SW846-7470

Blank (BL70545-BLK1)

Prepared & Analyzed: 12/13/2017

Mercury ND 0.0002 mg/L

LCS (BL70545-BS1)

Prepared & Analyzed: 12/13/2017

Mercury 0.001997 0.0002 mg/L 0.00200 99.8 80-120

LCS (BL70545-BS2)

Prepared & Analyzed: 12/13/2017

Mercury 0.002189 0.0002 mg/L 0.00200 109 80-120



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL70444 - % Solids Prep

Duplicate (BL70444-DUP1)		*Source sample: 17L0337-09 (SP-5 (0'-2'))					Prepared & Analyzed: 12/11/2017				
% Solids	84.4	0.100	%		84.5			0.165	20		



Wet Chemistry Parameters - 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 BL70392 - Analysis Preparation

Blank (BL70392-BLK1)

Prepared: 12/08/2017 Analyzed: 12/11/2017

Chromium, Hexavalent	ND	0.0100	mg/L

LCS (BL70392-BS1)

Prepared: 12/08/2017 Analyzed: 12/11/2017

Chromium, Hexavalent	0.477	0.0100	mg/L	0.500	95.4	80-120

Batch BL70429 - EPA SW846-3060

Blank (BL70429-BLK1)

Prepared & Analyzed: 12/11/2017

Chromium, Hexavalent	ND	0.500	mg/kg wet

Reference (BL70429-SRM1)

Prepared & Analyzed: 12/11/2017

Chromium, Hexavalent	56.2		mg/L	207	27.1	25.6-116.9



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17L0337-01	SP-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-02	SP-1 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-03	SP-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-04	SP-2 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-05	SP-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-06	SP-3 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-07	SP-4 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-08	SP-4 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-09	SP-5 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-10	SP-5 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-11	SP-6 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-12	SP-6 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-13	SP-7 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-14	SP-7 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-15	SP-8 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-16	SP-8 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-17	SP-9 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17L0337-18	SP-9 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
17L0337-19	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0337-20	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

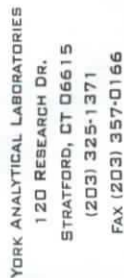
Field Chain-of-Custody Record

(203) 325-1371
FAX (203) 357-016

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Field Chain-of-Custody Record

Page 2 of 3

York Project No. 17L0337

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YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: Hydrex Tech Env. Corp		Company: Sane		Company: Sane		170313 : 37-11 30th St		RUSH - Same Day		Summary Report	
Address: 15 Dean Avenue		Address:		Address:		30-14 37th Avenue		RUSH - Next Day		Summary w/ QA Summary	
Phone No. 718-6236-0500		Phone No.		Phone No.		Purchase Order No.		RUSH - Two Day		CT RCP Package	
Contact Person: Komal Dixit		Attention:		Attention: Musuma Ward				RUSH - Three Day		CT RCP DQA/DUE Pkg	
E-Mail Address: kdixit@hydrexenv.com		E-Mail Address:		E-Mail Address:				RUSH - Four Day		NY ASP A Package	
								Standard (5-7 Days)		NY ASP B Package	
										NIDEF Red. Deliv.	
										Electronic Data Deliverables (EDD)	
										Simple Excel	
										NY SDEC EQuIS	
										EQuIS (std)	
										EZ-EDD (EQuIS)	
										NIDEF SRP HazSite EDD	
										GIS/KEY (std)	
										Other	
										York Regulatory Comparison	
										Excel Spreadsheet	
										Compare to the following Regs. (please fill in):	
										USCS Commercial + Residential	

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: Hydrex Tech Env. Corp		Company: Sane		Company: Sane		170313 : 37-11 30th St		RUSH - Same Day		Summary Report	
Address: 15 Dean Avenue		Address:		Address:		30-14 37th Avenue		RUSH - Next Day		Summary w/ QA Summary	
Phone No. 718-6236-0500		Phone No.		Phone No.		Purchase Order No.		RUSH - Two Day		CT RCP Package	
Contact Person: Komal Dixit		Attention:		Attention: Musuma Ward				RUSH - Three Day		CT RCP DQA/DUE Pkg	
E-Mail Address: kdixit@hydrexenv.com		E-Mail Address:		E-Mail Address:				RUSH - Four Day		NY ASP A Package	
								Standard (5-7 Days)		NY ASP B Package	
										NIDEF Red. Deliv.	
										Electronic Data Deliverables (EDD)	
										Simple Excel	
										NY SDEC EQuIS	
										EQuIS (std)	
										EZ-EDD (EQuIS)	
										NIDEF SRP HazSite EDD	
										GIS/KEY (std)	
										Other	
										York Regulatory Comparison	
										Excel Spreadsheet	
										Compare to the following Regs. (please fill in):	
										USCS Commercial + Residential	

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Company: Hydrex Tech Env. Corp		Company: Sane		Company: Sane		170313 : 37-11 30th St		RUSH - Same Day		Summary Report	
Address: 15 Dean Avenue		Address:		Address:		30-14 37th Avenue		RUSH - Next Day		Summary w/ QA Summary	
Phone No. 718-6236-0500		Phone No.		Phone No.		Purchase Order No.		RUSH - Two Day		CT RCP Package	
Contact Person: Komal Dixit		Attention:		Attention: Musuma Ward				RUSH - Three Day		CT RCP DQA/DUE Pkg	
E-Mail Address: kdixit@hydrexenv.com		E-Mail Address:		E-Mail Address:				RUSH - Four Day		NY ASP A Package	
								Standard (5-7 Days)		NY ASP B Package	
										NIDEF Red. Deliv.	
										Electronic Data Deliverables (EDD)	
										Simple Excel	
										NY SDEC EQuIS	
										EQuIS (std)	
										EZ-EDD (EQuIS)	
										NIDEF SRP HazSite EDD	
										GIS/KEY (std)	
										Other	



YORK ANALYTICAL LABORATORIES
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Field Chain-of-Custody Record

Page 3 of 3

York Project No. 17L0337

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YOUR INFORMATION Company: <u>Hydro Tech Env. Corp.</u> Address: <u>15 Ocean Ave</u> <u>Brooklyn NY</u> Phone No: <u>718-636-0800</u> Contact Person: <u>Komal Dixit</u> E-Mail Address: <u>Kdixit@hydrotechenv.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: <u>Muslima Wad</u> E-Mail Address: <u>m.wad@hydrotechenv.com</u>		YOUR PROJECT ID <u>10313-37-11 30th St.</u> <u>30-14 37th Ave</u> <u>Astoria</u> Purchase Order No. Samples from: CT ☒ NY ☒ NJ ☐		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☒ CT RCP Package ☒ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NUDEP Red. Deliv. ☐ <u>Electronic Data Deliverables (EDD)</u> Simple Excel ☒ NYSEDEC EQuIS ☐ EQuIS (std) ☐ EZ-EDD (EQuIS) ☐ NUDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☒ York Regulatory Comparison Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): <u>VSCOs Commercial + Residential</u>	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Sudley Perez
Name (printed)
Sudley Perez

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-7 (0'-2')	12/7/17 9:30	S	8260, 8210, Pesticides, PCBs, 6010, 7471, Chromium Hexavalent / Trivalent	2-8oz + 7oz Core
SP-7 (15'-17')	9:35			
SP-8 (0'-2')	9:50			
SP-8 (15'-17')	10:10			
SP-9 (0'-2')	10:45			
SP-9 (15'-17')	10:30			
Field Blank	Di Water	Pi water	8260, 8270 BNA, Pesticides, PCBs, TAL metals (Filter + Unfiltered), Chromium Hexavalent	3 Ambers + 3-40mL + 2-250mL
Trip Blank			8260	2-40 mL

Comments <u>Salts expected on 12/14/17</u> <u>d Blank - Analyse for Chromium Trivalent</u>	Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐	4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ Ascorbic Acid ☐ ZnAc ☐ HNO ₃ ☐ Other ☐	Temperature on Receipt <u>4.9 °C</u>
	Samples Relinquished By <u>[Signature]</u> Date/Time <u>12/8/17 16:42</u>	Samples Received in LAB by <u>[Signature]</u> Date/Time <u>12/8/17 16:42</u>	Samples Relinquished By <u>[Signature]</u> Date/Time <u>12/8/17 16:42</u>